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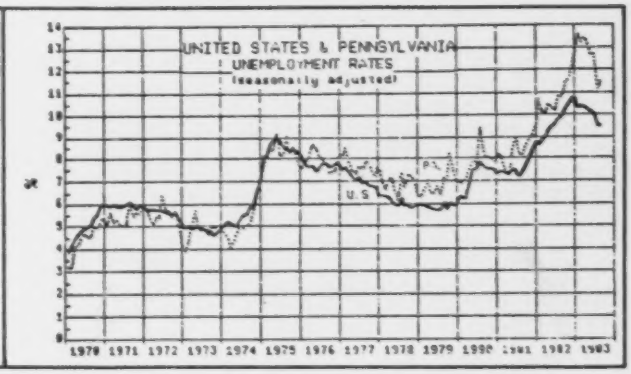
PENNSYLVANIA EMPLOYMENT AND EARNINGS

SEPTEMBER 1983 Vol. XXVIII No. 9

(August Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	AUG 1983	JULY 1983	AUG 1982
Civilian Labor Force	5645.0	5670.0	5586.0
Employment	5035.0	5054.0	5012.0
Unemployment (Unadjusted)	610.0	617.0	574.0
%Civilian Labor Force	10.8	10.9	10.3
Unemployment (Seas. Adj.)	637.0	617.0	594.0
%Civilian Labor Force	11.5	11.1	10.8


UNITED STATES & PENNSYLVANIA
UNEMPLOYMENT RATES
(seasonally adjusted)
PA
U.S
1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983

EMPLOYMENT AND UNEMPLOYMENT DROP DURING AUGUST

Employment in Pennsylvania during August was 5,035,000, a slight decrease of 19,000 from July, interrupting a string of four consecutive months when increases occurred. Although the employment figures showed a small drop, there was a reduction in the number of persons unemployed. At 610,000, August unemployment was 7,000 below July. The decrease resulted in a slight drop in the unadjusted unemployment rate which fell from 10.9 percent of the civilian labor force in July to 10.8 percent in August.

The state's seasonally adjusted unemployment rate exhibited an increase over July, going from 11.1 percent to 11.5 percent. The national seasonally adjusted unemployment rate for August was 9.5 percent.

NONAGRICULTURAL EMPLOYMENT DROPS BY 16,000, AS COMMUNICATIONS WORKERS STRIKE

Jobs in the nonagricultural sector numbered 4,457,900 in August, down 16,000 from July. This was the third consecutive month a decrease was recorded. Employment in manufacturing increased by 5,600 while nonmanufacturing employment dropped by 21,600.

NONMANUFACTURING. Due to a large number of striking employees and a seasonal decrease in employment in educational institutions, employment in the nonmanufacturing industries dropped for the third consecutive month. Of the total decrease of 21,600 between July and August, 14,800 were communications workers affected by a strike during the survey period. The strike also contributed to the 14,900 decrease in employment recorded by the transportation and public utilities sector. Services and government industries reported decreases in employment of 3,600 and 3,200, respectively, from the previous month. Employment related to educational institutions accounted for most of the decreases.

Jobs in contract construction increased by 2,400 and retail trade employment increased by 800.

MANUFACTURING. Employment in manufacturing industries increased by 5,600 over the month to a level of 1,100,300 in August. Nondurable goods industries gained 3,500 jobs, or 62.5 percent of the net gain. Apparel and other textile products industries showed an employment gain of 2,300. Fabricated metal products also continued to show gains as 1,400 were added to the employment roles. Other industries reporting gains in employment were furniture and fixtures, 900; rubber and miscellaneous plastics products, 700; electrical industrial apparatus, 600; lumber and wood products, 500; and motor vehicles and equipment, 500.

AVERAGE WEEKLY EARNING RISE: HOURLY EARNING RATE DROPS

Average weekly earnings for production workers in manufacturing industries rose to $356.61 for the month of August, up $1.91 from the previous month and $25.18 above August 1982. The increase can be directly attributed to longer working hours during the week - 39.6 in August compared with 38.2 in July. Longer average workweeks more than compensated for the drop of 2 cents in average hourly pay, which went to $8.98 for August.

Average weekly earnings for durable goods industries decreased slightly, from $404.19 in July to $403.79 for August. Nondurables average weekly earnings, however, increased during the same time period, up $2.71 to $296.07 in August.

BUR 65a 8 82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

Average weekly hours worked for durable goods was unchanged at 40.5 hours per week in both July and August. Nondurable goods registered an increase of 0.5 hours per week, going from 38.0 to 38.5. Among nondurable goods industries, tobacco products increased 2.1 hours to 39.0; textile mill products, 2.0 hours to 39.3; and furniture and fixtures, 1.8 hours to 40.5.

UNEMPLOYMENT RATES DROP IN SEVEN MAJOR AREAS: EMPLOYMENT IN MANUFACTURING GAINS IN NINE AREAS

During August, seven major labor market areas recorded decreases in unemployment rates over the previous month, five recorded increases, and two remained unchanged. Lancaster's unemployment rate of 5.7 percent was the lowest and Johnstown's rate of 18.2 percent was the highest. Both were less than the previous months figures of 6.1 percent and 19.4 percent, respectively.

The Reading SMSA's unemployment rate fell to 7.6 percent in August, down from 8.9 percent in July. The number of unemployed decreased by 2,100, from 14,600 down to 12,500. Other labor market areas reporting decreases were Lancaster, from 11,500 to 10,800; Johnstown, 21,400 to 19,900; State College, 5,200 to 5,000; York, 18,600 to 18,200; Northeast Pennsylvania, 34,200 to 32,800; and Sharon with a reduction from 9,300 to 8,900. Erie and Harrisburg unemployment numbers and rates remained unchanged from July. Erie reported 17,200 unemployed with a rate of 13.1 percent and Harrisburg 15,100 unemployed and a rate of 6.1 percent.

Labor market areas reporting unemployment rates below both the national and state rates of 9.2 and 10.8, respectively, were Lancaster, 5.7 percent; Harrisburg, 6.1 percent; Reading, 7.6 percent; and Philadelphia, 8.4 percent. State College with 9.6 percent and York with 9.8 percent recorded rates higher than the national rate but below the state figure.

Nine labor market areas reported gains in employment in the manufacturing sector from the previous month. York lead the gains with a net increase of 3,300 jobs. Other areas reporting increases were Northeast Pennsylvania, 1,600; Reading, 1,300; Lancaster, 1,000; Harrisburg, 600; Allentown-Bethlehem-Easton, 500; Johnstown, 400; and Williamsport, 300. Philadelphia, Pittsburgh and Sharon showed employment losses in manufacturing industries. Altoona and Erie reported no change in total manufacturing employment from the previous month.

Five major labor market areas showed gains and eight areas reported losses in nonmanufacturing employment during the month. The five areas reporting gains were Erie, Johnstown and Reading with 200 each; Harrisburg, 300; and State College, 900. Nonmanufacturing in the York area remained unchanged from July.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	AUG. 1983	JUL. 1983	AUG. 1982	JUL. 1983	AUG. 1982	AUG. 1983	JUL. 1983	AUG. 1982	AUG. 1983	JUL. 1983	AUG. 1982	AUG. 1983	JUL. 1983	AUG. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4457.9	4473.9	4534.9	-16.0	-77.0									
TOTAL MANUFACTURING INDUSTRIES	1100.3	1094.7	1152.1	5.6	-51.8	$355.61	$353.70	$330.43	39.6	39.3	38.2	$ 8.98	$ 9.00	$ 8.65
TOTAL DURABLE GOODS	623.7	621.6	666.5	2.1	-42.8	403.79	404.19	374.80	40.5	40.5	38.8	9.97	9.98	9.66
Lumber & wood products	20.7	20.2	18.1	0.5	2.6	289.57	294.35	255.75	40.9	41.4	37.5	7.08	7.11	6.82
Furniture & fixtures	18.6	17.7	18.4	0.9	0.2	303.75	285.99	277.25	40.5	38.7	38.4	7.50	7.39	7.22
Stone, clay & glass products	50.5	50.7	52.3	- 0.2	- 1.8	393.42	392.47	362.40	41.5	41.4	40.0	9.48	9.48	9.06
Primary metal industries	123.7	123.9	134.2	- 0.2	-10.5	477.00	472.82	446.75	40.7	39.9	36.8	11.72	11.85	12.14
Fabricated metal products	89.1	87.7	95.8	1.4	- 6.7	390.46	386.11	364.91	40.8	40.6	40.1	9.57	9.51	9.10
Machinery, exc. electrical	102.4	103.6	122.2	- 1.2	-19.8	405.62	395.02	377.23	40.2	39.7	39.5	10.09	9.95	9.55
Electric & electronic equipment	101.5	101.3	106.8	0.2	- 5.3	366.62	375.24	338.91	40.6	41.1	39.0	9.03	9.13	8.69
Transportation equipment	59.5	59.5	59.9	0.0	- 0.4	453.82	457.20	413.32	39.6	40.0	38.7	11.46	11.43	10.69
Instruments & related products	35.4	35.6	37.6	- 0.2	- 2.2	354.88	375.42	336.18	39.3	41.3	39.0	9.03	9.09	8.62
Miscellaneous manufacturing industries	22.3	21.4	21.2	0.9	1.1	369.05	370.46	295.30	40.6	41.3	38.4	9.09	8.97	7.69
TOTAL NONDURABLE GOODS	476.6	473.1	485.6	3.5	- 9.0	296.07	293.36	273.77	38.5	38.0	37.4	7.69	7.72	7.32
Food & kindred products	93.4	93.2	93.6	0.2	- 0.2	344.34	337.59	317.13	39.9	39.3	39.2	8.63	8.59	8.09
Tobacco manufacturers	2.2	2.2	2.3	0.0	- 0.1	214.50	201.47	204.61	39.0	36.9	39.5	5.50	5.46	5.18
Textile mill products	38.4	38.2	39.0	0.2	- 0.6	235.01	223.05	213.57	39.3	37.3	37.6	5.98	5.98	5.68
Apparel & other textile products	111.1	108.8	114.0	2.3	- 2.9	187.89	184.37	173.38	34.1	33.1	32.9	5.51	5.57	5.27
Paper & allied products	39.7	39.5	40.1	0.2	- 0.4	374.55	381.05	343.16	43.3	43.9	41.9	8.65	8.68	8.19
Printing & publishing	71.3	71.2	71.7	0.1	- 0.4	354.66	353.72	337.08	38.3	38.7	38.7	9.26	9.14	8.71
Chemicals & allied products	57.4	57.4	59.0	0.0	- 1.6	433.82	416.34	388.90	42.2	41.1	40.3	10.28	10.13	9.65
Petroleum & coal products	15.3	15.9	17.0	- 0.6	- 1.7	541.25	557.80	536.49	43.3	44.2	43.3	12.50	12.62	12.39
Rubber & misc. plastics products	34.1	33.4	34.0	0.7	0.1	323.46	317.99	293.75	41.1	40.1	38.6	7.87	7.93	7.61
Leather & leather products	13.7	13.3	14.9	0.4	- 1.2	199.26	196.70	183.30	38.1	37.9	35.8	5.23	5.19	5.12
TOTAL NONMANUFACTURING INDUSTRIES	3357.6	3379.2	3382.8	-21.6	-25.2									
Mining	42.8	44.2	43.5	- 1.4	- 0.7									
Contract Construction	167.1	164.7	182.8	2.4	-15.7									
Transportation	132.1	132.2	136.4	- 0.1	- 4.3									
Public Utilities	89.4	104.2	106.0	-14.8	-16.6									
Communications	38.8	53.6	55.4	-14.8	-16.6									
Electric, gas and sanitary service	50.6	50.6	50.6	0.0	0.0									
Wholesale trade	233.9	234.8	241.1	- 0.9	- 7.2									
Retail trade	739.1	738.3	727.1	0.8	12.0									
General merchandise stores	112.4	117.9	113.7	- 5.5	- 1.3									
Finance, insurance & real estate	242.9	243.7	240.8	- 0.8	2.1									
Banking	81.9	81.9	80.9	0.0	1.0									
Insurance	69.8	69.9	70.1	- 0.1	- 0.3									
Services	1055.6	1059.2	1046.8	- 3.6	8.8									
Business services	144.7	143.5	142.8	1.2	1.9									
Health services	367.2	367.9	357.2	- 0.7	10.0									
Hospitals	221.1	221.8	216.8	- 0.7	4.3									
Educational service	105.8	109.0	109.8	- 3.2	- 4.0									
Government	654.7	657.9	658.3	- 3.2	- 3.6									
Federal	135.8	137.0	134.4	- 1.2	1.4									
State & local	518.9	520.9	523.9	- 2.0	- 5.0									
Persons in labor-management disputes	22.6	4.6	2.2	18.0	20.4									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF LEVELS, TRENDS AND TURNOVER RATES

OCTOBER 1983

(September Data)

Vol. XXVIII No. 10

JOB SERVICE

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

BUR-652 REV 6-81

In cooperation with the United States Bureau of Labor Statistics

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
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LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
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PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR OCTOBER 1983
(SEPTEMBER DATA)

UNEMPLOYMENT DROPS FOR THIRD CONSECUTIVE MONTH-QUARTERLY EMPLOYMENT HITS TWO-YEAR HIGH

Unemployment dropped 61,100 during September to a level of 548,900, the lowest since May 1982 when 529,000 were unemployed. This was the third consecutive month a decrease occurred. The unadjusted unemployment rate of 10.0 percent was also the lowest recorded since the May 1982 rate of 9.8 percent. Seasonally adjusted unemployment numbers also dropped, going from 637,000 in August to 576,000 for September and rates from 11.5 percent to 10.4 percent.

Employment in Pennsylvania also showed a decrease during September going from 5,035,000 in August to 4,963,600 a drop of 71,400. The condition of employment and unemployment dropping at the same time occurs when there is an unusually large number of withdrawals from the labor force. An example of this phenomenon is student summer employment. When students leave their summer jobs, they do not enter the ranks of the unemployed, but return to school. Termination of seasonal summer jobs and curtailment of contract construction work accounted for a significant portion of the reduction.

Despite the slight dip in employment for September, the third quarter average monthly employment of 5,017,000 was the highest quarterly average since the third quarter of 1981 when 5,102,000 people were employed. It was also 5.3 percent above this year's average second quarter figure of 4,764,000. July marked the highest number of persons employed - 5,054,000 - since August 1981 when 5,157,000 were employed.

NONAGRICULTURAL EMPLOYMENT INCREASES BY 25,700: NONMANUFACTURING EMPLOYMENT UP 20,300 AND MANUFACTURING INCREASES BY 5,400

Employment in nonagricultural wage and salary jobs rose to 4,481,700 in September, an increase of 25,700 over August. The nonmanufacturing sector reported 3,834,200 employed, up 20,300 from the previous month. Manufacturing employment increased by 5,400 to a level of 1,108,900. The September employment figure for nonagricultural wage and salary was 16,600 below the June total of 4,498,300. Reflected in the ending third quarter figure are the reductions in work forces of seasonal summer jobs and contract construction.

NONMANUFACTURING. Employment in nonmanufacturing for September increased for the first time in four months. In comparing the ending third quarter employment figure with the June total, there was an increase of 434,100 to 3,400,100 jobs in September. Contributing significantly to the increase was the return of workers in the educational sector, 31,800 in local education, 19,900 in educational services, 4,300 in state education and 7,500 in transportation. Employment also increased in the communication field as 14,300 striking telephone workers returned to work. Department stores employment also improved as 1,600 persons were added to the work force.

Experiencing job losses from August were local government where 35,700 fewer persons were employed, and seasonally influenced businesses, including hotel and other lodging (-4,200), amusement and recreation services (-3,800), contract construction (-3,100), and eating and drinking places (-2,400).

MANUFACTURING. Employment in manufacturing industries increased over the previous month by 5,400 jobs to a level of 1,108,900. Durable goods accounted for 4,500 or 83.3 percent of the increase. Industries reporting gains over August were, transportation equipment 1,500; food and kindred products 1,100; machinery, except electrical, 1,100; preserved fruits and vegetables, 900; electric and electronic equipment, 800; and electronic components and accessories, 800.

Nondurable goods employment for the third quarter was 1,500 above the second quarter. Three major industries reporting quarterly gains were food and kindred products, 2,500; preserved fruits and vegetables, 2,000; and textile mill products, 600. Petroleum and coal products employment dropped by 1,700 over the same time period.

Employment in durable goods for the third quarter increased by 9,200. Primary metal industries exhibited the largest increase in employment moving from 122,000 up to 124,500, an increase of 2,500. Both fabriced metal products and lumber and wood products increased slightly during the quarter, going from 87,100 to 89,300, and 19,700 to 20,900 respectively.

FACTORY WORKERS EARNINGS, HOURS AND WAGES INCREASE DURING THIRD QUARTER

The average workweek, hourly rate and total wages of factory production workers for September increased over the previous month. Average hours worked were 40.0, the hourly rate was $9.03 and the average weekly earnings was $361.20. Corresponding August figures were, 39.5, $8.97 and $354.32. September's figures were also higher than the second quarter ending month of June when the averages were 39.5, $8.90, and $351.55.

Nondurable goods workweek averaged 38.8 hours and an hourly wage rate of $7.70 produced earnings of $298.76. All indices represent an increase over August; 38.5, $7.69 and $296.07.

Durable goods wage and salary rates rose slightly during September going from 40.5 hours, $9.97 and $403.79 total earnings to 41.0, $10.03 and $411.23 respectively.

QUARTERLY AND MONTHLY UNEMPLOYMENT RATES DROP IN ALL MAJOR AREAS - EMPLOYMENT GAINS IN MANUFACTURING

All major labor market areas recorded reductions in the seasonally adjusted unemployment rates for September and the third quarter. Areas with unemployment rates below the state average of 10.0 percent were Lancaster, 4.6 percent; Harrisburg, 5.2 percent; Reading, 7.1 percent; Philadelphia, 7.9 percent; State College, 8.7 percent; and York, 8.6 percent. Johnstown and Sharon recorded the highest unemployment rates for the major SMSAs with 15.8 percent and 15.0 percent respectively. The third quarter ending state rate was 10.0 percent, representing a twenty percent reduction over the second quarter ending rate of 12.6 percent. A total of 548,900 persons were unemployed at the end of September compared to 704,000 in June.

Employment in manufacturing industries for September increased in eight major SMSAs. Philadelphia increased by 2,700 jobs while Northeast Pennsylvania gained 800. Lancaster and Reading reported gains of 700. Pittsburgh reported a drop in employment of 1,700 from 167,800 in August to 166,100 in September, and employment in Allentown-Bethlehem-Easton decreased by 700, going from 88,600 to 87,900. Seven major SMSAs reported employment increases in the nonmanufacturing industries.

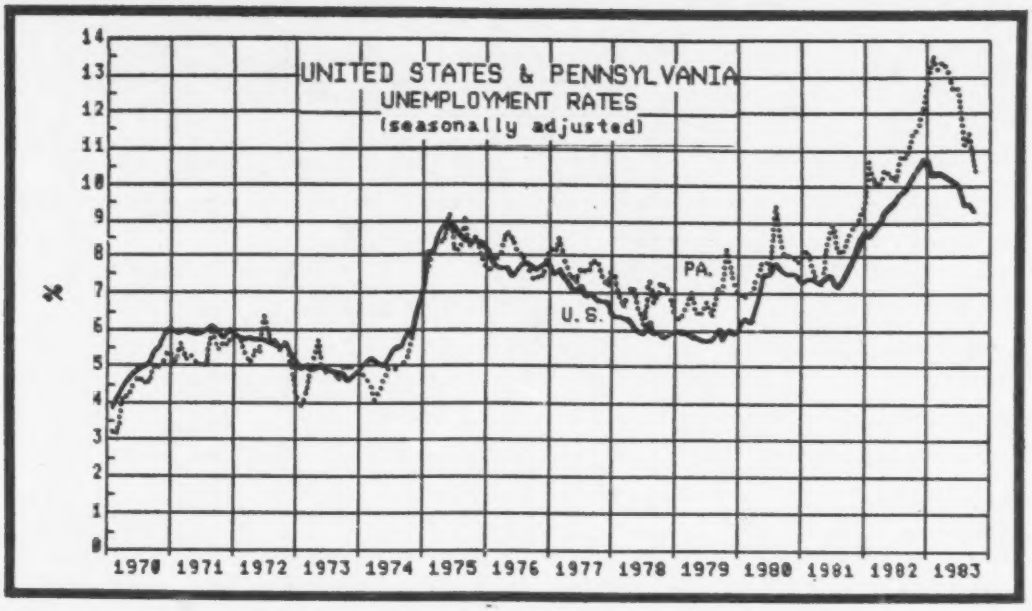

Table I. Resident Employment, Unemployment and Unemployed Rate (Thousands)

Year	PENNSYLVANIA Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	UNITED STATES Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1982	5,482	4,883	599	10.9		110,204	99,526	10,678	9.7	
1983 Jan.	5,407	4,603	804	14.9	13.6	109,779	97,262	12,517	11.4	10.4
Feb.	5,369	4,610	759	14.1	13.2	109,647	97,265	12,382	11.3	10.4
Mar.	5,307	4,571	736	13.9	13.4	109,873	97,994	11,879	10.8	10.3
Apr.	5,327	4,636	691	13.0	13.2	109,875	98,840	11,035	10.0	10.2
May	5,428	4,769	659	12.1	12.6	110,308	99,543	10,765	9.8	10.1
June	5,607	4,886	721	12.9	12.6	113,383	101,813	11,570	10.2	10.0
July	5,670	5,054	617	10.9	11.1	113,980	103,273	10,707	9.4	9.5
Aug.	5,645	5,035	610	10.8	11.5	113,578	103,167	10,411	9.2	9.5
Sep.	5,512	4,964	549	10.0	10.4	112,197	102,366	9,830	8.8	9.3
1982										
1st Qtr.	5,419	4,815	603	11.1	10.3	108,366	98,083	10,284	9.5	8.8
2rd Qtr.	5,424	4,875	549	10.1	10.3	110,099	99,833	10,267	9.3	9.4
3rd Qtr.	5,550	4,960	590	10.6	11.0	111,653	100,839	10,814	9.7	10.0
4th Qtr.	5,532	4,880	652	11.8	12.1	110,700	99,351	11,349	10.3	10.7
1983										
1st Qtr.	5,361	4,595	766	14.3	13.4	109,766	97,507	12,259	11.2	10.3
2nd Qtr.	5,454	4,764	690	12.7	12.8	111,189	100,065	11,123	10.0	10.1
3nd Qtr.	5,609	5,017	592	10.6	11.0	113,252	102,935	10,316	9.1	9.4

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYEES					NET CHANGE		
	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	Aug. 1983	Jun. 1983	Sept. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4481.7	4456.0	4473.9	4511.9	4535.1	25.7	-30.2	-53.4
LABOR-MANAGEMENT DISPUTES	3.7	5.4	4.6	6.1	5.0	- 1.7	- 2.4	+ 1.3
TOTAL MANUFACTURING INDUSTRIES	1108.9	1103.5	1094.7	1103.9	1143.2	5.4	5.0	-34.3
TOTAL DURABLE GOODS	631.7	627.2	621.6	626.5	659.8	4.5	5.2	-28.1
Lumber & wood products	20.9	20.7	20.2	19.9	18.0	0.2	1.0	2.9
Millwork, plywood & structural	6.9	6.7	6.4	6.2	5.7	0.2	0.7	1.2
Other lumber & wood prod.	14.0	14.0	13.8	13.7	12.3	0.0	0.3	1.7
Furniture & fixtures	19.0	18.7	17.7	18.0	18.6	0.3	1.0	0.4
Household furniture	7.9	8.0	7.6	7.8	7.8	-0.1	0.1	0.1
Office furniture	5.4	5.2	4.8	4.9	5.0	0.2	0.5	0.4
Other furniture & fixtures	5.7	5.5	5.3	5.3	5.8	0.2	0.4	-0.1
Stone, clay & glass products	50.9	50.4	50.7	50.8	52.1	0.5	0.1	-1.2
Glass & glassware, pressed or blown	13.5	13.3	13.6	13.8	14.1	0.2	-0.3	-0.6
Glass containers	6.8	7.0	7.1	7.2	7.3	-0.2	-0.4	-0.5
Other pressed or blown glass	6.7	6.3	6.5	6.6	6.8	0.4	0.1	-0.1
Hydraulic cement	2.2	2.2	2.2	2.2	2.4	0.0	0.0	-0.2
Structural clay products	4.7	4.6	4.5	4.6	4.7	0.1	0.1	0.0
Pottery & related products	4.2	4.1	4.2	4.2	4.5	0.1	0.0	-0.3
Concrete, gypsum & plaster prod.	7.7	7.8	7.9	7.7	7.5	-0.1	0.0	0.2
Other stone, clay & glass prod.	18.6	18.4	18.3	18.3	18.9	0.2	0.3	-0.3
Primary metal industries	124.5	124.8	123.9	124.8	129.8	-0.3	-0.3	-5.3
Blast furnace & basic steel prod.	86.5	87.0	86.6	87.4	90.5	-0.5	-0.9	-4.0
Blast furnaces & steel mills	78.6	79.3	78.9	79.6	82.3	-0.7	-1.0	-3.7
Other basic steel products	7.9	7.7	7.7	7.8	8.2	0.2	0.1	-0.3
Iron & steel foundries	11.7	11.6	11.4	11.7	13.3	0.1	0.0	-1.6
Gray iron foundries	5.8	5.8	5.4	5.5	5.5	0.0	0.3	0.3
Steel foundries, n.e.c.	3.4	3.4	3.6	3.7	4.3	0.0	-0.3	-0.9
Malleable iron & steel invest.	2.5	2.4	2.4	2.5	3.5	0.1	0.0	-1.0
Nonferrous rolling & drawing	13.0	13.0	13.0	12.7	12.7	0.0	0.3	0.3
Nonferrous foundries	5.7	5.6	5.5	5.6	6.0	0.1	0.1	-0.3
Other primary metal products	7.6	7.6	7.4	7.4	7.3	0.0	0.2	0.3
Fabricated metal products	89.3	89.0	87.7	87.3	95.1	0.3	2.0	-5.8
Metal cans & shipping containers	3.4	3.4	3.3	3.3	3.3	0.0	0.1	0.1
Cutlery, hand tools & hardware	4.7	4.6	4.6	4.6	5.2	0.1	0.1	-0.5
Plumbing & heating exc. electrical	2.7	2.6	2.6	2.6	2.7	0.1	0.1	0.0
Fabricated structural metal prod.	27.1	27.0	26.6	26.3	30.7	0.1	0.8	-3.6
Fabricated structural metal	4.8	4.7	4.6	4.5	5.9	0.1	0.3	-1.1
Fabricated plate work (boiler shops)	6.8	6.9	6.9	6.9	9.0	-0.1	-0.1	-2.2
Other fabricated struct. metal prod.	15.5	15.4	15.1	14.9	15.8	0.1	0.6	-0.3
Screw machine products, bolts, etc.	6.4	6.4	6.3	6.5	6.9	0.0	-0.1	-0.5
Metal forgings & stampings	16.9	17.4	17.0	16.8	17.9	-0.5	0.1	-1.0
Iron & steel forgings	3.8	4.3	4.3	4.3	4.8	-0.5	-0.5	-1.0
Other metal forgings & stampings	13.1	13.1	12.7	12.5	13.1	0.0	0.6	0.0
Metal services & ordnance, n.e.c.	8.3	8.3	8.3	8.3	8.1	0.0	0.0	0.2
Misc. fabricated metal products	19.8	19.3	19.0	18.9	20.3	0.5	0.9	-0.5
Valves & pipe fittings	7.3	7.2	7.1	7.0	7.7	0.1	0.3	-0.4
Other misc. fabricated metal prod.	12.5	12.1	11.9	11.9	12.6	0.4	0.6	-0.1
Machinery, exc. electrical	105.9	104.8	103.6	106.0	121.3	1.1	-0.1	-15.4
Engines & turbines	5.9	6.1	6.4	6.5	8.5	-0.2	-0.6	-2.6
Farm & garden machinery	3.1	3.1	3.0	3.0	3.4	0.0	0.1	-0.3
Construction & related mach.	14.9	14.8	15.4	15.3	20.0	0.1	0.4	-5.1
Construction machinery	4.9	4.9	4.8	4.6	6.8	0.0	0.3	-1.9
Conveyors & conveying equip.	3.4	3.3	3.2	3.2	3.5	0.1	0.2	-0.1
Other construction & related mach.	6.6	6.6	7.4	7.5	9.7	0.0	-0.9	-3.1
Metal working machinery	14.8	14.2	14.2	14.3	17.9	0.6	0.5	-3.1
Special industry machinery	10.8	10.8	10.5	10.8	11.9	0.0	0.0	-1.1

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYEES					NET CHANGE		
	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	Aug. 1983	Jun. 1983	Sept. 1982
General industrial machinery	22.2	22.0	22.4	22.2	24.7	0.2	0.0	-2.5
Pumps & pumping equipment	3.5	3.5	3.7	3.6	4.1	0.0	-0.1	-0.6
Ball & roller bearings	3.4	3.3	3.2	3.2	3.3	0.1	0.2	0.1
Air & gas compressors	3.5	3.6	3.9	3.8	4.4	-0.1	-0.3	-0.9
Industrial furnaces & ovens	2.4	2.4	2.4	2.5	2.9	0.0	-0.1	-0.5
Other general industrial mach.	9.4	9.2	9.2	9.1	10.0	0.2	0.3	-0.6
Office and computing machines	13.1	12.9	13.0	12.9	12.9	0.2	0.2	0.2
Refrigeration & service ind. mach.	9.4	9.4	7.2	9.5	9.3	0.0	-0.1	0.1
Misc. machinery, exc. electrical	11.7	11.5	11.5	11.5	12.7	0.2	0.2	-1.0
Electric & electronic equipment	102.5	101.7	101.3	102.3	106.5	0.8	0.2	-4.0
Electric distributing equip.	11.5	11.8	12.1	12.6	15.1	-0.3	-1.1	-3.6
Transformers	4.0	3.9	3.9	4.2	5.2	0.1	-0.2	-1.2
Switchgear & switchboard apparatus	7.5	7.9	8.2	8.4	9.9	-0.4	-0.9	-2.4
Electrical industrial apparatus	15.9	15.9	15.7	15.9	16.3	0.0	0.0	-0.4
Household appliances	3.7	3.6	3 5	4.0	4.1	0.1	-0.3	-0.4
Electric lighting & wiring equip.	19.4	19.5	18.9	19.4	20.2	-0.1	0.0	-0.8
Current-carrying wiring devices	11.3	11.6	11.3	11.5	11.3	-0.3	-0.2	0.0
Other electric light & wiring equip.	8.1	7.9	7.6	7.9	8.9	0.2	0.2	-0.8
Communication equipment	8.4	8.5	8.8	8.7	9.4	-0.1	-0.3	-1.0
Electronic components & accessories	33.5	32.7	32.6	32.2	31.8	0.8	1.3	1.7
Semiconductors & related devices	12.8	12.6	12.4	12.0	11.4	0.2	0.8	1.4
Other electronic components & access.	20.7	20.1	20.2	20.2	20.4	0.6	0.5	0.3
Other electrical equip. & supplies	10.1	9.7	9.7	9.5	9.6	0.4	0.6	0.5
Transportation equipment	60.7	59.2	59.5	59.6	58.6	1.5	1.1	2.1
Motor vehicles & equipment	24.5	23.5	22.7	22.6	20.6	1.0	1.9	3.9
Motor vehicle parts & access.	10.6	10.0	9.4	9.9	9.3	0.6	0.7	1.3
Other motor vehicles & equip.	13.9	13.5	13.3	12.7	11.3	0.4	1.2	2.6
Aircraft & parts	8.9	8.8	9.9	10.2	10.4	0.1	-0.3	-1.5
Ship & boat building & repairing	3.0	2.8	3.0	3.0	3.3	0.1	0.0	-0.3
Railroad equipment	11.9	11.6	11.5	11.5	12.6	0.3	0.4	-0.7
Other transportation equipment	12.4	12.5	12.4	12.3	11.7	-0.1	0.1	0.7
Instruments & related products	35.8	35.4	35.6	35.6	38.1	0.4	0.2	-2.3
Measuring & controlling devices	17.4	17.4	17.6	17.7	19.4	0.0	-0.3	-2.0
Medical instruments & supplies	10.8	10.8	10.7	10.7	10.9	0.0	0.1	-0.1
Other instruments & related prod.	7.6	7.2	7.3	7.2	7.8	0.4	0.4	-0.2
Miscellaneous manufacturing industries	22.2	22.5	21.4	27.2	21.7	-0.3	0.0	0.5
TOTAL NONDURABLE GOODS	477.2	476.3	473.1	477.4	483.4	0.9	-0.2	-6.2
Food & kindred products	93.9	92.8	93.2	91.8	94.6	1.1	2.1	-0.7
Meat products	13.3	13.1	13.3	13.1	13.5	0.2	0.2	-0.2
Meat packing plants	4.4	4.1	4.3	4.3	4.2	0.3	0.1	0.2
Sausages & other prepared meats	4.5	4.5	4.6	4.6	4.7	0.0	-0.1	-0.2
Poultry dressing & processing	4.4	4.5	4.4	4.2	4.6	-0.1	0.2	-0.2
Dairy products	11.2	11.4	11.4	11.3	11.2	-0.2	-0.1	0.0
Fluid milk	5.8	5.9	5.9	5.9	5.9	-0.1	-0.1	0.0
Other dairy products	5.4	5.5	5.5	5.4	5.3	-0.1	0.0	0.1
Preserved fruits & vegetables	12.5	11.6	11.4	10.7	12.8	0.9	1.8	-0.3
Canned fruits & vegetables	3.9	3.3	3.4	3.2	4.4	0.6	0.7	-0.5
Other preserved fruits & vegetables	8.6	8.3	8.0	7.5	8.4	0.3	1.1	0.2
Grain mill products	5.3	5.2	5.3	5.3	5.2	0.1	0.0	0.1
Bakery products	17.0	17.1	17.4	17.4	17.1	-0.1	-0.4	-0.1
Bread, cake & related prod.	12.7	13.0	13.1	13.2	12.8	-0.3	-0.5	-0.1
Cookies & crackers	4.3	4.1	4.3	4.2	4.3	0.2	0.1	0.0
Sugar & confectionery prod.	15.5	15.1	14.9	14.9	15.3	0.4	0.6	0.2
Beverages	9.5	9.6	9.8	9.5	9.4	-0.1	0.0	0.1
Other food & kindred products	9.6	9.7	9.7	9.6	10.1	-0.1	0.0	-0.5

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	Aug. 1983	Jun. 1983	Sept. 1982
Tobacco manufacturers	2.2	2.2	2.2	2.2	2.2	0.0	0.0	0.0
Textile mill products	39.2	38.8	38.2	38.9	38.8	0.4	0.3	0.4
Weaving mills, synthetics	4.3	4.3	4.3	4.3	4.3	0.0	0.0	0.0
Knitting mills	19.9	19.7	19.5	19.6	19.9	0.2	0.3	0.0
Knit outerwear mills	10.3	10.2	10.2	10.2	10.9	0.1	0.1	-0.6
Knit underwear mills	5.3	5.2	5.0	5.1	4.7	0.1	0.2	0.6
Other knitting mills	4.3	4.3	4.3	4.3	4.3	0.0	0.0	0.0
Floor covering mills	3.1	3.0	3.0	3.0	2.9	0.1	0.1	0.2
Yarn & thread mills	3.1	3.1	2.9	3.1	3.0	0.0	0.0	0.1
Other textile mill prod.	8.8	8.7	8.5	8.9	8.7	0.1	-0.1	0.1
Apparel & other textile products	111.6	111.6	108.8	111.9	113.1	0.0	-0.3	-1.5
Men's & boys' suits & coats	14.8	14.9	14.8	15.0	14.8	-0.1	-0.2	0.0
Men's & boys' furnishings	16.8	17.0	17.3	17.3	17.7	-0.2	-0.5	-0.9
Men's & boys' shirts & nightwear	6.5	6.4	6.4	6.4	6.7	0.1	0.1	-0.2
Men's & boys' separate trousers	3.9	3.9	3.8	3.9	3.7	0.0	0.0	0.2
Other furnishings & work clothing	6.4	6.7	7.1	7.0	7.3	-0.3	-0.6	-0.9
Women's & misses' outerwear	49.5	49.6	48.2	50.5	52.1	-0.1	-0.5	-2.6
Women's & children's undergarments	10.5	10.3	9.4	9.8	9.9	0.2	0.7	0.6
Children's outerwear	8.1	7.9	7.9	8.1	7.4	0.2	0.0	0.7
Other apparel & textile prod.	11.9	11.9	11.2	11.2	11.2	0.0	0.7	0.7
Paper & allied products	40.2	39.8	39.5	40.0	40.1	0.4	0.2	0.1
Paper mills exc. building paper	9.9	9.4	9.4	9.5	10.1	0.5	0.4	-0.2
Paper board containers & boxes	14.2	14.0	13.9	13.8	13.9	0.2	0.4	0.3
Corrugated & solid fiber boxes	7.3	7.3	7.2	7.2	7.2	0.0	0.1	0.1
Other paperboard containers	6.9	6.7	6.7	6.6	6.7	0.2	0.3	0.2
Other paper & allied products	16.1	16.4	16.2	16.7	16.1	-0.3	-0.6	0.0
Printing & publishing	71.3	71.3	71.2	71.4	71.5	0.0	-0.1	-0.2
Newspapers	22.7	22.6	22.5	22.5	22.2	0.1	0.2	0.5
Books	5.5	5.7	5.8	5.9	5.5	-0.2	-0.4	0.0
Commercial printing	22.9	23.0	22.8	23.1	23.6	-0.1	-0.2	-0.7
Lithographing	13.6	13.5	13.4	13.7	13.9	0.1	-0.1	-0.3
Other commercial printing	9.3	9.5	9.4	9.4	9.7	-0.2	-0.1	-0.4
Manifold business forms	4.7	4.6	4.6	4.6	4.6	0.1	0.1	0.1
Other printing & publishing	15.5	15.4	15.5	15.3	15.6	0.1	0.2	-0.1
Chemicals & allied products	57.0	57.4	57.4	57.4	58.2	-0.4	-0.4	-1.2
Industrial inorganic chemicals	8.8	8.8	8.8	9.0	9.8	0.0	-0.2	-1.0
Plastic materials & synthetics	7.9	7.9	8.0	7.9	7.9	0.0	0.0	0.0
Drugs	19.2	19.4	19.4	19.2	18.6	-0.2	0.0	0.6
Soap, cleaners & toilet goods	3.3	3.3	3.3	3.3	3.2	0.0	0.0	0.1
Paints & allied products	3.9	4.1	4.0	4.0	4.0	-0.2	-0.1	-0.1
Other chemicals & allied prod.	13.9	13.9	13.9	14.0	14.7	0.0	-0.1	-0.8
Petroleum & coal products	14.4	15.0	15.9	16.1	16.6	-0.6	-1.7	-2.2
Petroleum refining	10.4	11.0	11.9	12.2	12.8	-0.6	-1.8	-2.4
Other petroleum & coal prod.	4.0	4.0	4.0	3.9	3.8	0.0	0.1	0.2
Rubber & misc. plastics products	34.0	33.9	33.4	33.9	33.7	0.1	0.1	0.3
Tires & inner tubes	2.9	2.8	2.8	2.7	2.7	0.1	0.2	0.2
Fabricated rubber prod., n.e.c.	3.9	3.6	3.6	3.6	3.9	0.3	0.3	0.0
Other rubber & plastic prod., n.e.c.	27.2	27.5	27.0	27.6	27.1	-0.3	-0.4	0.1
Leather & leather products	13.4	13.5	13.3	13.8	14.6	-0.1	-0.4	-1.2
Footwear, exc. rubber	10.3	10.5	10.4	10.8	11.7	-0.2	-0.5	-1.4
Men's footwear, exc. athletic	4.8	4.9	4.8	4.8	4.7	-0.1	0.0	-0.7
Women's footwear, exc. athletic	2.7	2.8	2.8	3.0	3.4	-0.1	-0.3	0.1
Other footwear	2.8	2.8	2.8	3.0	3.6	0.0	-0.2	-0.8
Other leather & leather prod.	3.1	3.0	2.9	3.0	2.9	0.1	0.1	0.2

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYEES					NET CHANGE		
	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	Aug. 1983	Jun. 1983	Sept. 1982
TOTAL NONMANUFACTURING INDUSTRIES	3372.8	3352.5	3379.2	3408.0	3391.9	20.3	-35.2	-19.1
Mining	43.8	43.3	44.2	43.6	45.4	0.5	0.2	-1.6
Anthracite	2.6	2.5	2.6	2.6	3.5	0.1	0.0	-0.9
Bituminous	31.7	31.4	32.1	31.5	31.6	0.3	0.2	0.1
Nonmetallic minerals	4.4	4.3	4.4	4.4	4.5	0.1	0.0	-0.1
Contract Construction	161.1	164.2	164.7	158.9	179.9	-3.1	2.2	-18.8
General building	41.5	41.9	41.6	38.5	44.8	-0.4	3.0	-3.3
Heavy construction	33.1	34.4	35.2	35.2	40.6	-1.3	-2.1	-7.5
Special trades	86.5	87.9	87.9	85.2	94.5	-1.4	1.3	-8.0
Transportation	139.5	132.0	132.2	138.4	145.3	7.5	1.1	-5.8
Railroads	25.3	25.3	26.3	26.0	31.2	0.0	-0.7	-5.9
Public Utilities	103.5	89.7	104.2	103.9	105.6	13.8	-0.4	-2.1
Communications	53.1	38.8	53.6	53.4	55.5	14.3	-0.3	-2.4
Electric, gas & sanitary service	50.4	50.9	50.6	50.5	50.1	-0.5	-0.1	0.3
Electric systems	25.7	25.8	25.8	25.9	25.5	-0.1	-0.2	0.2
Gas production	9.0	9.0	8.7	8.6	9.0	0.0	0.4	0.0
Wholesale trade	233.9	234.4	234.8	235.7	238.3	-0.5	-1.8	-4.4
Retail trade	739.9	740.5	738.3	738.0	729.7	-0.6	1.9	10.2
General merchandise stores	117.2	115.8	117.9	115.7	114.9	1.4	1.5	2.3
Department stores	104.7	103.1	105.2	103.1	102.2	1.6	1.6	2.5
Finance, insurance & real estate	239.7	242.8	243.7	242.4	238.6	-3.1	-2.7	1.1
Banking	80.9	82.0	81.9	81.8	80.4	-1.1	-0.9	0.5
Commercial & stock savings	74.5	75.5	75.4	75.3	74.0	-1.0	-0.8	0.5
Credit agencies & securities	33.0	33.0	32.7	32.8	30.8	0.0	0.2	2.2
Insurance	69.4	69.6	69.9	69.4	69.5	-0.2	0.0	-0.1
Life insurance	26.6	26.7	26.7	26.8	26.8	-0.1	-0.2	-0.2
Fire, marine & casualty	27.8	28.0	28.3	27.8	28.2	-0.2	0.0	-0.4
Services	1063.9	1056.3	1059.2	1070.7	1055.2	7.6	-6.8	8.7
Business services	145.4	144.7	143.5	144.6	141.4	0.7	0.8	4.0
Health services	365.0	367.3	367.9	365.8	355.3	-2.3	-0.8	9.7
Nursing & personal care	55.8	56.2	55.9	55.7	54.5	-0.4	0.1	1.3
Hospitals	219.4	221.0	221.8	220.9	216.0	-1.6	-1.5	3.4
Educational service	126.6	106.7	109.0	124.4	129.1	19.9	2.2	-2.5
Miscellaneous services	47.0	47.1	47.1	58.5	49.0	-0.1	-11.5	-2.0
Engineering & architectural	28.9	29.2	29.3	29.6	30.7	-0.3	-0.7	-1.8
Government	647.5	649.3	657.9	676.4	653.9	-1.8	-28.9	-6.4
Federal	133.9	135.9	137.0	136.4	131.8	-2.0	-2.5	2.1
State & local	513.6	513.4	520.9	540.0	522.1	-7.5	-26.4	-8.7

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	Sept. 1983	Aug. 1983	Jul. 1983	Jun. 1983	Sept. 1982	ANNUAL AVERAGE 1982	1981	1980
All Manufacturing	INA	INA	INA	81.8	85.2	86.9	96.8	98.9
Primary Metals	INA	INA	INA	61.1	64.3	71.1	92.1	95.2
Apparel	INA	INA	INA	83.1	89.1	84.0	91.5	92.6
All Nonmanufacturing	INA	INA	INA	105.4	103.9	105.2	106.3	106.2
Construction	INA	INA	INA	86.4	93.1	90.7	98.2	103.3
Retail Trade	INA	INA	INA	103.0	101.8	101.8	103.6	103.7
Services	INA	INA	INA	123.8	118.3	121.1	117.3	112.9
Government	INA	INA	INA	94.6	93.8	95.7	98.9	101.7

INA - Information not available.

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
Manufacturing	760.5	754.5	748.2	753.2	778.9	30,433.2	29,815.1	29,502.9	29,781.0	29,429.3	274,661.4	267,453.1	265,834.5	265,078.0	255,358.7
Durable Goods	422.3	416.9	413.7	415.4	435.1	17,303.9	16,812.3	16.773.2	16,865.3	16,654.0	173,504.5	167,403.0	167,725.5	166,656.1	160,761.7
Nondur. Goods	338.2	337.6	334.5	337.8	343.8	13,129.3	13,002.8	12,729.7	12,915.7	12,775.3	101,156.9	100,050.1	98,109.0	98,421.9	94,597.0

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
TOTAL MANUFACTURING INDUSTRIES	$361.20	$354.32	$353.70	$351.55	$328.10	40.0	39.5	39.3	39.5	37.8	$ 9.03	$ 8.97	$ 9.00	$ 8.90	$ 8.68
TOTAL DURABLE GOODS	411.23	401.39	404.19	401.13	369.60	41.0	40.3	40.5	40.6	38.3	10.03	9.96	9.98	9.88	9.65
Lumber & wood products	281.64	289.46	294.35	290.87	257.31	40.7	41.0	41.4	41.2	37.4	6.92	7.06	7.11	7.06	6.88
Millwork, plywood & structural	323.04	325.07	320.54	316.20	268.05	42.9	43.4	42.4	42.5	37.7	7.53	7.49	7.56	7.44	7.11
Other lumber & wood prod.	261.76	272.92	282.21	280.42	252.22	39.6	39.9	40.9	40.7	37.2	6.61	6.84	6.90	6.89	6.78
Furniture & fixtures	302.65	302.19	285.99	294.52	278.44	40.3	40.4	38.7	39.8	38.3	7.51	7.48	7.39	7.40	7.27
Household furniture	263.74	271.48	250.59	267.33	246.48	39.6	40.3	38.2	39.9	39.0	6.66	6.77	6.56	6.70	6.32
Office furniture	336.52	331.10	314.28	320.49	318.37	41.7	41.7	40.5	41.3	40.3	8.07	7.94	7.76	7.76	7.90
Other furniture & fixtures	329.54	326.33	318.10	314.64	290.05	39.8	39.7	37.6	38.0	35.2	8.28	8.22	8.46	8.28	8.24
Stone, clay & glass products	403.24	391.52	392.47	388.10	369.44	41.7	41.3	41.4	41.2	40.2	9.67	9.48	9.48	9.42	9.19
Glass & glassware, pressed or blown	416.00	402.78	414.26	401.29	391.23	41.6	41.1	42.1	41.2	41.4	10.00	9.80	9.84	9.74	9.45
Glass containers	445.20	428.08	429.51	429.51	411.76	42.0	41.4	41.7	41.7	41.3	10.60	10.34	10.30	10.30	9.97
Other pressed or blown glass	388.22	375.36	397.46	369.87	369.41	41.3	40.8	42.6	40.6	41.6	9.40	9.20	9.33	9.11	8.88
Hydraulic cement	560.58	580.75	575.08	568.54	537.21	42.5	43.6	43.6	43.4	42.4	13.19	13.32	13.19	13.10	12.67
Structural clay products	326.02	312.43	306.15	304.18	287.65	40.6	39.8	39.0	39.3	37.7	8.03	7.85	7.85	7.74	7.63
Pottery & related products	382.82	356.00	355.54	353.42	335.23	40.9	39.6	39.2	39.8	38.8	9.36	8.99	9.07	8.88	8.64
Concrete, gypsum & plaster prod.	382.75	378.77	381.78	381.33	345.22	44.3	44.3	44.6	44.6	42.1	8.64	8.55	8.56	8.55	8.20
Other stone, clay & glass prod.	409.04	392.35	385.49	385.49	367.86	40.7	40.2	39.7	39.7	38.6	10.05	9.76	9.71	9.71	9.53
Primary metal industries	475.83	471.14	472.82	465.23	426.27	40.6	40.2	39.9	39.9	35.2	11.72	11.72	11.85	11.66	12.11
Blast furnace & basic steel prod.	510.07	503.23	510.94	498.41	464.44	40.1	39.5	39.7	39.4	34.2	12.72	12.74	12.87	12.65	13.58
Blast furnaces & steel mills	517.29	510.34	520.70	505.50	469.88	40.1	39.5	39.9	39.4	34.0	12.90	12.92	13.05	12.83	13.82
Other basic steel products	441.10	433.32	422.87	424.32	411.41	40.1	39.5	38.2	39.0	35.9	11.00	10.97	11.07	10.88	11.46
Iron & steel foundries	370.55	372.19	360.36	359.20	306.67	40.9	40.9	39.0	39.3	33.7	9.06	9.10	9.24	9.14	9.10
Gray iron foundries	359.79	359.60	366.52	347.91	298.99	40.2	40.0	39.2	38.7	35.3	8.95	8.99	9.35	8.99	8.47
Steel foundries, n.e.c.	388.83	395.79	349.59	389.32	361.36	39.0	40.1	35.6	38.7	36.1	9.97	9.87	9.82	10.06	10.01
Malleable iron & steel invest.	376.77	374.03	358.69	347.77	260.55	44.8	43.9	42.6	41.5	28.6	8.41	8.52	8.42	8.38	9.11
Nonferrous rolling & drawing	434.85	428.41	414.26	429.46	379.09	42.8	43.1	42.1	43.6	40.2	10.16	9.94	9.84	9.85	9.43
Nonferrous foundries	363.41	361.20	354.00	351.83	330.24	40.2	40.0	40.0	39.8	38.4	9.04	9.03	8.85	8.84	8.60
Other primary metal products	401.32	403.22	388.01	385.63	361.10	42.2	42.4	40.8	41.6	39.9	9.51	9.51	9.51	9.27	9.05
Fabricated metal products	406.58	394.15	386.11	387.73	363.37	41.7	41.1	40.6	40.9	39.8	9.75	9.59	9.51	9.48	9.13
Metal cans & shipping containers	472.89	487.41	490.23	466.49	413.88	41.3	42.2	41.9	40.6	40.3	11.45	11.55	11.70	11.49	10.27
Cutlery, hand tools & hardware	307.32	302.94	297.04	301.85	276.43	39.4	39.6	39.5	40.3	38.5	7.80	7.65	7.52	7.49	7.18
Plumbing & heating exc. electrical	403.97	410.98	368.80	410.24	364.49	42.3	42.5	40.0	42.6	41.0	9.55	9.67	9.22	9.63	8.89
Fabricated structural metal prod.	362.71	358.02	346.81	345.86	339.37	40.8	40.5	39.5	39.8	39.6	8.89	8.84	8.78	8.69	8.57
Fabricated structural metal	399.49	395.78	379.22	386.05	358.70	41.7	41.4	40.3	41.6	38.2	9.58	9.56	9.41	9.28	9.39
Fabricated plate work (boiler shops)	419.92	405.73	374.19	384.56	380.21	41.7	40.9	38.3	40.1	39.4	10.07	9.92	9.77	9.59	9.65
Other fabricated struct. metal prod.	328.43	327.22	325.54	316.71	309.54	40.2	40.1	39.7	39.1	40.2	8.17	8.16	8.20	8.10	7.70
Screw machine products, bolts, etc.	365.38	373.72	390.29	374.74	336.90	39.5	39.8	41.3	40.6	37.6	9.25	9.39	9.45	9.23	8.96
Metal forgings & stampings	557.31	511.92	514.51	513.22	462.89	44.8	43.2	43.9	43.2	41.0	12.44	11.85	11.72	11.88	11.29
Iron & steel forgings	411.43	382.20	381.42	391.79	373.84	40.1	39.0	39.0	38.6	38.7	10.26	9.80	9.78	10.15	9.66
Other metal forgings & stampings	591.19	546.22	550.08	546.91	489.98	45.9	44.3	45.2	44.5	41.7	12.88	12.33	12.17	12.29	11.75
Metal services & ordnance, n.e.c.	344.03	327.98	338.99	331.93	336.38	41.4	39.9	40.5	39.8	42.1	8.31	8.22	8.37	8.34	7.99
Misc. fabricated metal products	375.00	367.36	338.82	358.97	340.28	41.3	41.0	38.9	40.7	38.8	9.08	8.96	8.71	8.82	8.77
Valves & pipe fittings	381.39	374.26	347.62	358.94	369.16	39.4	39.9	38.2	39.1	38.9	9.68	9.38	9.10	9.18	9.49
Other misc. fabricated metal prod.	371.85	363.17	334.44	358.56	323.92	42.4	41.6	39.3	41.5	38.7	8.77	8.73	8.51	8.64	8.37

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
Machinery, exc. electrical	$413.09	$403.20	$395.02	$400.40	$371.72	40.9	40.0	39.7	40.0	38.6	$10.10	$10.08	$ 9.95	$10.01	$ 9.63
Engines & turbines	484.06	463.22	473.11	462.48	467.31	39.1	38.0	39.1	39.8	41.1	12.38	12.19	12.10	11.62	11.37
Farm & garden machinery	480.47	473.43	465.55	440.77	378.50	43.6	43.0	42.4	41.7	39.8	11.02	11.01	10.98	10.57	9.51
Construction & related mach.	417.18	407.43	393.04	406.18	338.54	40.9	40.3	38.8	39.9	34.3	10.20	10.11	10.13	10.18	9.87
Construction machinery	485.55	471.99	461.36	491.36	312.46	41.5	40.9	39.5	41.5	27.1	11.70	11.54	11.68	11.84	11.53
Conveyors & conveying equip.	397.96	390.93	381.70	374.26	362.25	42.7	42.4	42.6	41.4	41.4	9.32	9.22	8.96	9.04	8.75
Other construction & related mach.	363.89	357.11	344.08	349.30	357.11	39.9	39.2	37.4	38.3	39.2	9.12	9.11	9.20	9.12	9.11
Metal working machinery	425.21	411.76	403.79	412.59	394.97	42.1	41.3	40.5	41.3	41.1	10.10	9.97	9.97	9.99	9.61
Special industry machinery	410.92	385.40	387.45	386.68	375.25	43.3	41.0	41.0	41.4	40.7	9.49	9.40	9.45	9.34	9.22
General industrial machinery	405.32	399.59	385.09	389.85	377.30	40.9	40.2	39.7	39.7	39.8	9.91	9.94	9.70	9.82	9.48
Pumps & pumping equipment	452.83	443.56	398.97	441.60	418.18	42.4	41.3	39.0	41.7	41.2	10.68	10.74	10.23	10.59	10.15
Ball & roller bearings	409.61	419.00	404.09	408.29	379.99	41.5	41.9	40.9	41.2	39.5	9.87	10.00	9.88	9.91	9.62
Air & gas compressors	456.57	405.38	397.31	394.30	374.75	44.5	39.9	40.5	40.4	39.2	10.26	10.16	9.81	9.76	9.56
Industrial furnaces & ovens	373.98	381.60	357.34	379.01	353.92	38.2	40.0	36.5	38.4	38.5	9.79	9.54	9.79	9.87	9.19
Other general industrial mach.	374.69	375.18	373.20	360.61	365.09	39.4	39.0	40.0	38.2	39.9	9.51	9.62	9.33	9.44	9.15
Office and computing machines	481.12	475.14	465.71	471.97	424.63	41.8	39.3	39.3	39.2	39.1	11.51	12.09	11.85	12.04	10.86
Refrigeration & service ind. mach.	361.54	362.70	359.19	368.17	368.23	37.7	37.9	39.0	37.8	40.2	9.59	9.57	9.21	9.74	9.16
Misc. machinery, exc. electrical	367.88	363.13	344.37	352.63	297.65	39.9	39.6	39.0	39.8	35.1	9.22	9.17	8.83	8.86	8.48
Electric & electronic equipment	362.30	359.60	375.24	367.09	341.82	40.3	40.0	41.1	41.2	39.2	8.99	8.99	9.13	8.91	8.72
Electric distributing equip.	387.66	366.72	409.76	408.35	434.93	37.6	35.5	39.4	39.8	41.7	10.31	10.33	10.40	10.26	10.43
Transformers	420.84	388.70	403.40	439.21	504.34	42.0	38.6	40.3	43.4	47.4	10.02	10.07	10.01	10.12	10.64
Switchgear & switchboard apparatus	367.50	354.56	413.12	391.61	396.17	34.9	33.8	38.9	37.8	38.5	10.53	10.49	10.62	10.36	10.29
Electrical industrial apparatus	357.62	342.42	370.05	346.52	317.46	40.5	39.0	41.3	40.2	39.0	8.83	8.78	8.96	8.62	8.14
Household appliances	341.96	355.74	329.02	317.49	303.73	41.3	42.0	38.8	39.1	39.6	8.28	8.47	8.48	8.12	7.67
Electric lighting & wiring equip.	322.58	313.01	317.81	319.87	296.43	39.1	38.5	38.9	39.2	37.1	8.25	8.13	8.17	8.16	7.99
Current-carrying wiring devices	361.12	343.36	365.90	362.71	288.15	41.7	40.3	42.3	41.5	36.2	8.66	8.52	8.65	8.74	7.96
Other electric light & wiring equip.	286.63	281.82	270.56	277.86	302.78	36.7	36.6	35.6	36.9	37.8	7.81	7.70	7.60	7.53	8.01
Communication equipment	399.25	386.48	412.72	388.03	332.05	42.7	42.1	44.0	42.5	37.1	9.35	9.18	9.38	9.13	8.95
Electronic components & accessories	389.22	399.36	424.77	407.22	351.74	41.1	41.6	43.3	43.6	39.7	9.47	9.60	9.81	9.34	8.86
Semiconductors & related devices	459.10	477.70	496.50	504.85	437.81	40.7	42.5	43.4	43.9	40.5	11.28	11.24	11.44	11.50	10.81
Other electronic components & access.	350.22	354.69	384.91	353.71	307.33	41.3	41.1	43.2	43.4	39.3	8.48	8.63	8.91	8.15	7.82
Other electrical equip. & supplies	313.16	315.05	276.43	309.57	313.82	40.2	41.4	38.5	40.1	38.6	7.79	7.61	7.18	7.72	8.13
Transportation equipment	481.54	449.55	457.20	463.80	413.32	41.8	39.4	40.0	41.3	38.7	11.52	11.41	11.43	11.23	10.68
Motor vehicles & equipment	489.06	461.16	459.76	482.94	401.81	41.8	39.9	39.6	42.4	37.8	11.70	11.57	11.61	11.39	10.63
Motor vehicle parts & access.	521.99	506.16	468.22	493.62	392.06	44.5	44.4	41.0	43.3	38.4	11.73	11.40	11.42	11.40	10.21
Other motor vehicles & equip.	461.36	426.53	452.76	474.13	410.69	39.5	36.3	38.5	41.7	37.2	11.68	11.75	11.76	11.37	11.04
Aircraft & parts	495.30	437.16	492.88	483.20	465.53	40.4	36.4	40.7	40.3	40.8	12.26	12.01	12.11	11.99	11.41
Ship & boat building & repairing	408.24	372.30	352.99	367.00	367.30	40.3	36.5	35.8	36.7	38.3	10.13	10.20	9.86	10.00	9.59
Railroad equipment	482.57	450.00	468.46	457.88	420.31	41.0	38.2	39.7	40.2	37.9	11.77	11.78	11.80	11.39	11.09
Other transportation equipment	471.60	443.84	437.50	423.19	389.46	45.0	42.8	42.6	41.9	40.4	10.48	10.37	10.27	10.10	9.64
Instruments & related products	372.30	358.60	375.42	362.50	343.96	40.6	39.8	41.3	40.1	39.4	9.17	9.01	9.09	9.04	8.73
Measuring & controlling devices	386.46	367.88	396.18	374.79	346.18	41.2	39.9	42.6	40.3	39.7	9.38	9.22	9.30	9.30	8.72
Medical instruments & supplies	354.38	345.20	352.30	354.60	358.60	38.9	38.7	38.8	39.4	39.8	9.11	8.92	9.08	9.00	9.01
Other instruments & related prod.	363.44	357.16	357.28	346.72	322.10	41.3	41.1	41.4	40.6	38.3	8.80	8.69	8.63	8.54	8.41
Miscellaneous manufacturing industries	377.65	369.96	370.46	361.47	294.81	41.5	40.7	41.3	41.5	37.7	9.10	9.09	8.97	8.71	7.82

HOURS AND EARNINGS FOR

Table 6. (cont.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
TOTAL NONDURABLE GOODS	$298.76	$296.07	$293.36	$291.08	$275.28	38.8	38.5	38.0	38.2	37.2	$ 7.70	$ 7.69	$ 7.72	$ 7.62	$ 7.40
Food & kindred products	345.60	348.13	337.59	337.79	322.69	40.0	40.2	39.3	39.6	39.4	8.64	8.66	8.59	8.53	8.19
Meat products	324.58	316.98	313.91	314.80	306.68	41.4	40.9	40.4	40.0	40.3	7.84	7.75	7.77	7.87	7.61
Meat packing plants	365.92	346.90	351.07	355.70	340.47	43.1	41.2	41.4	41.7	42.4	8.49	8.42	8.48	8.53	8.03
Sausages & other prepared meats	373.92	379.45	364.17	354.43	355.55	41.0	41.2	39.8	38.4	38.9	9.12	9.21	9.15	9.23	9.14
Poultry dressing & processing	246.00	242.61	239.80	240.77	237.80	40.0	40.3	39.9	39.6	39.7	6.15	6.02	6.01	6.08	5.99
Dairy products	335.62	325.63	335.48	334.19	317.67	42.7	42.4	43.4	42.9	42.3	7.86	7.68	7.73	7.79	7.51
Fluid milk	348.43	346.88	352.73	356.12	347.35	40.8	41.1	41.4	41.7	41.9	8.54	8.44	8.52	8.54	8.29
Other dairy products	325.90	309.16	322.65	315.80	292.24	44.1	43.3	45.0	43.8	42.6	7.39	7.14	7.17	7.21	6.86
Preserved fruits & vegetables	333.74	338.20	268.59	321.40	290.32	41.0	40.6	33.7	39.1	38.2	8.14	8.33	7.97	8.22	7.60
Canned fruits & vegetables	253.99	260.60	238.35	246.99	260.98	38.6	38.1	36.5	36.7	40.4	6.58	6.84	6.53	6.73	6.46
Other preserved fruits & vegetables	371.74	369.82	282.43	354.56	306.64	42.1	41.6	32.5	40.2	36.9	8.83	8.89	8.69	8.82	8.31
Grain mill products	436.30	443.39	426.26	409.64	426.47	40.7	41.4	40.1	40.2	42.1	10.72	10.71	10.63	10.19	10.13
Bakery products	328.93	326.62	329.75	319.31	324.22	37.0	37.2	37.6	37.0	37.7	8.89	8.78	8.77	8.63	8.60
Bread, cake & related prod.	343.73	332.15	338.01	326.16	341.61	37.0	36.5	36.7	36.2	38.6	9.29	9.10	9.21	9.01	8.85
Cookies & crackers	291.98	310.44	306.46	299.88	277.73	37.1	39.0	39.8	39.2	35.2	7.87	7.96	7.70	7.65	7.89
Sugar & confectionery prod.	355.11	369.77	361.20	345.54	337.51	39.5	40.5	40.0	39.0	39.2	8.99	9.13	9.03	8.86	8.61
Beverages	444.31	475.59	469.10	443.52	396.81	40.1	44.2	43.8	42.0	39.8	11.08	10.76	10.71	10.56	9.97
Other food & kindred products	294.80	283.86	282.30	298.28	257.47	40.0	38.0	38.2	40.2	38.2	7.37	7.47	7.39	7.42	6.74
Tobacco manufacturers	222.71	214.50	201.47	211.03	207.76	42.1	39.0	36.9	38.3	39.8	5.29	5.50	5.46	5.51	5.22
Textile mill products	235.35	232.80	223.05	233.01	210.86	38.9	38.8	37.3	38.9	36.8	6.05	6.00	5.98	5.99	5.73
Weaving mills, synthetics	258.52	254.41	236.98	260.20	241.20	41.1	41.1	38.1	41.9	40.2	6.29	6.19	6.22	6.21	6.00
Knitting mills	222.12	221.18	208.57	219.26	200.74	38.1	38.2	36.4	38.0	36.3	5.83	5.79	5.73	5.77	5.53
Knit outerwear mills	222.50	222.15	201.70	222.12	194.76	38.1	38.5	35.2	38.1	36.0	5.84	5.77	5.73	5.83	5.41
Knit underwear mills	198.45	195.73	195.15	194.93	185.49	37.8	37.0	37.1	37.2	36.3	5.25	5.29	5.26	5.24	5.11
Other knitting mills	251.94	250.24	239.51	241.72	231.99	38.7	39.1	38.2	38.8	37.0	6.51	6.40	6.27	6.23	6.27
Floor covering mills	321.44	325.82	259.70	287.66	258.48	41.0	41.4	35.0	38.1	35.9	7.84	7.87	7.42	7.55	7.20
Yarn & thread mills	201.44	196.38	200.54	199.97	186.84	36.1	36.1	37.0	37.1	36.0	5.58	5.44	5.42	5.39	5.19
Other textile mill prod.	244.61	239.55	248.69	248.00	215.87	40.1	39.4	39.6	40.0	36.9	6.10	6.08	6.28	6.20	5.85
Apparel & other textile products	191.13	186.45	184.37	187.81	174.62	34.5	33.9	33.1	33.9	32.7	5.54	5.50	5.57	5.54	5.34
Men's & boys' suits & coats	246.11	231.82	244.60	241.97	218.04	36.3	34.6	35.5	35.9	33.7	6.78	6.70	6.89	6.74	6.47
Men's & boys' furnishings	188.67	187.43	184.60	188.68	181.10	35.8	35.7	34.7	35.6	34.3	5.27	5.25	5.32	5.30	5.28
Men's & boys' shirts & nightwear	184.43	190.74	194.74	187.95	175.54	35.4	36.4	36.4	35.8	33.5	5.21	5.24	5.35	5.25	5.24
Men's & boys' separate trousers	191.95	194.30	190.99	193.40	185.93	34.9	35.2	35.5	35.1	33.5	5.50	5.52	5.38	5.51	5.55
Other furnishings & work clothing	190.47	180.03	171.15	186.54	183.73	36.7	35.3	32.6	35.6	35.4	5.19	5.10	5.25	5.24	5.19
Women's & misses' outerwear	181.06	176.90	172.85	176.00	160.56	33.1	32.4	31.6	32.0	30.7	5.47	5.46	5.47	5.50	5.23
Women's & children's undergarments	178.31	171.16	161.82	162.50	164.15	35.1	34.3	32.3	33.3	33.5	5.08	4.99	5.01	4.88	4.90
Children's outerwear	175.10	172.26	171.87	187.44	163.30	33.1	33.0	32.8	35.5	33.6	5.29	5.22	5.24	5.28	4.86
Other apparel & textile prod.	189.15	188.84	190.11	186.07	184.91	36.8	37.1	36.7	36.2	36.4	5.14	5.09	5.18	5.14	5.08

HOURS AND EARNINGS FOR

Table 6. (concl.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982	Sept. 1983	Aug. 1983	July 1983	June 1983	Sept. 1982
Paper & allied products	$380.19	$382.37	$381.05	$373.59	$341.95	43.7	43.9	43.9	43.9	41.6	$ 8.70	$ 8.71	$ 8.68	$ 8.51	$ 8.22
Paper mills exc. building paper	473.83	476.63	478.63	467.40	444.54	47.1	46.5	46.2	47.5	46.5	10.06	10.25	10.36	9.84	9.56
Paper board containers & boxes	375.80	378.00	372.36	364.19	331.14	42.9	43.2	42.8	42.2	39.8	8.76	8.75	8.70	8.63	8.32
Corrugated & solid fiber boxes	397.27	400.51	391.61	386.76	357.25	43.8	44.7	44.1	43.9	41.3	9.07	8.96	8.88	8.81	8.65
Other paperboard containers	352.80	353.60	352.75	339.33	303.69	41.9	41.6	41.5	40.3	38..	8.42	8.50	8.50	8.42	7.95
Other paper & allied products	341.48	347.20	347.69	344.18	302.66	42.9	43.4	43.9	43.9	40.9	7.96	8.00	7.92	7.84	7.40
Printing & publishing	361.82	356.81	353.72	350.68	334.90	39.2	38.7	38.7	38.2	38.1	9.23	9.22	9.14	9.18	8.79
Newspapers	334.08	321.38	323.04	323.28	316.91	34.3	33.2	33.2	33.5	33.5	9.74	9.68	9.73	9.65	9.46
Books	368.46	348.91	333.13	335.23	304.56	42.4	41.0	39.8	38.8	36.3	8.69	8.51	8.37	8.64	8.39
Commercial printing	384.71	385.20	376.51	372.17	360.00	40.2	40.0	39.8	39.3	40.0	9.57	9.63	9.46	9.47	9.00
Lithographing	409.70	404.82	391.79	375.73	379.53	39.7	39.0	38.6	36.8	39.7	10.32	10.38	10.15	10.21	9.56
Other commercial printing	350.96	358.52	356.07	367.22	332.90	41.0	41.4	41.5	42.7	40.4	8.56	8.66	8.58	8.60	8.24
Manifold business forms	405.92	396.14	412.55	404.71	357.94	43.6	43.2	44.6	43.8	40.4	9.31	9.17	9.25	9.24	8.86
Other printing & publishing	323.70	325.20	326.58	320.64	306.10	39.0	38.9	39.3	38.4	38.6	8.30	8.36	8.31	8.35	7.93
Chemicals & allied products	427.84	430.92	416.34	422.24	401.53	41.7	42.0	41.1	41.6	40.6	10.26	10.26	10.13	10.15	9.89
Industrial inorganic chemicals	466.98	445.91	414.47	441.09	401.55	43.4	43.0	41.2	43.5	41.1	10.76	10.37	10.06	10.14	9.77
Plastic materials & synthetics	440.50	470.99	392.46	426.80	404.53	41.4	44.1	37.7	40.0	38.6	10.64	10.68	10.41	10.67	10.48
Drugs	447.69	446.45	445.05	454.44	438.29	41.3	41.3	41.4	42.0	41.0	10.84	10.81	10.75	10.82	10.69
Soap, cleaners & toilet goods	389.35	405.44	384.56	380.61	365.07	43.6	45.3	43.8	43.3	43.0	8.93	8.95	8.78	8.79	8.49
Paints & allied products	400.88	419.74	407.55	444.00	369.76	41.2	42.7	41.8	44.4	38.8	9.73	9.83	9.75	10.00	9.53
Other chemicals & allied prod.	408.29	401.20	410.11	390.17	382.86	41.2	40.2	41.3	40.1	40.6	9.91	9.98	9.93	9.73	9.43
Petroleum & coal products	546.05	539.52	557.80	525.34	540.32	43.2	43.3	44.2	42.4	44.0	12.64	12.46	12.62	12.39	12.28
Petroleum refining	601.44	583.36	608.14	565.90	575.96	43.3	42.8	44.1	42.2	43.6	13.89	13.63	13.79	13.41	13.21
Other petroleum & coal prod.	429.86	443.11	440.89	425.14	442.96	42.9	44.4	44.4	42.9	45.2	10.02	9.98	9.93	9.91	9.80
Rubber & misc. plastics products	335.86	321.12	317.99	308.70	291.45	42.3	40.7	40.1	40.3	37.9	7.9(	7.89	7.93	7.66	7.69
Tires & inner tubes	459.22	466.31	438.70	460.85	388.63	43.2	44.2	41.0	43.6	39.9	10.63	10.55	10.70	10.57	9.74
Fabricated rubber prod., n.e.c.	381.60	364.83	384.89	374.33	359.81	42.4	40.9	41.7	41.5	41.5	9.00	8.92	9.23	9.02	8.67
Other rubber & plastic prod., n.e.c.	319.03	303.40	300.45	289.28	276.01	42.2	40.4	39.9	39.9	37.4	7.56	7.51	7.53	7.25	7.38
Leather & leather products	196.94	198.36	196.70	195.05	181.41	37.3	38.0	37.9	37.8	35.5	5.28	5.22	5.19	5.16	5.11
Footwear, exc. rubber	186.29	186.13	184.13	184.64	171.78	36.6	37.3	36.9	37.3	35.2	5.09	4.99	4.99	4.95	4.88
Men's footwear, exc. athletic	196.94	197.25	201.10	199.80	185.06	37.8	38.3	39.2	39.1	36.5	5.21	5.15	5.13	5.11	5.07
Women's footwear, exc. athletic	179.83	179.83	177.97	182.02	168.43	35.4	36.7	36.1	37.3	34.8	5.08	4.90	4.93	4.88	4.84
Other footwear	175.06	172.80	161.56	162.11	157.51	35.8	36.0	33.8	34.2	33.8	4.89	4.80	4.78	4.74	4.66
Other leather & leather prod.	235.01	243.19	243.78	235.81	225.57	39.9	40.6	41.6	39.9	37.1	5.89	5.99	5.86	5.91	6.08
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	395.60	371.66	308.99	384.85	392.77	36.8	34.8	29.4	3[illegible].8	37.3	10.75	10.68	10.51	10.75	10.53
Bituminous coal & lignite mining	501.73	492.40	461.36	527.85	467.70	36.2	36.1	34.2	39.1	36.2	13.86	13.64	13.49	13.50	12.92
Nonmetallic minerals, exc. fuels	440.74	430.22	429.14	402.40	379.67	49.3	49.0	48.6	46.2	42.9	8.94	8.78	8.83	8.71	8.85
Communication	464.49	425.63	458.57	452.00	443.82	39.7	37.8	39.6	39.1	39.0	11.70	11.26	11.58	11.56	11.38
Electric, gas, & sanitary services	527.09	527.43	489.30	497.70	492.33	42.1	42.5	42.0	42.0	41.9	12.52	12.41	11.65	11.85	11.75
Electric services	517.59	512.13	474.31	486.57	485.64	42.6	42.5	41.9	42.2	42.6	12.15	12.05	11.32	11.53	11.40
Gas production & distribution	443.48	425.86	435.48	425.14	416.56	40.5	40.1	41.2	40.8	40.6	10.95	10.62	10.57	10.42	10.26
General merchandise stores	161.87	170.42	167.80	164.83	156.44	30.6	31.5	31.6	31.1	30.2	5.29	5.41	5.31	5.30	5.18

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

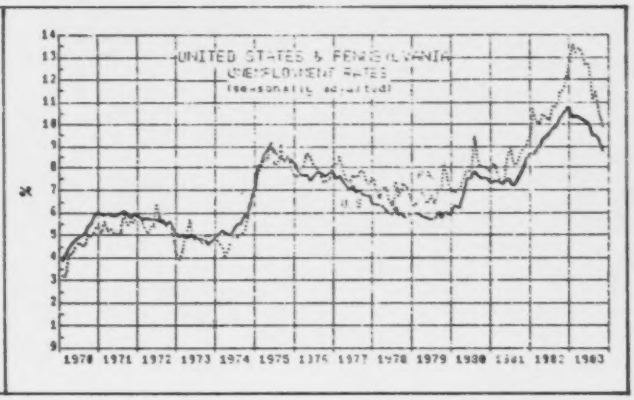
NOVEMBER 1983

Vol. XXVIII No.11

(October Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	OCT. 1983	SEPT. 1983	OCT. 1982
Civilian Labor Force (Unadj.)	5568.0	5512.0	5531.0
Employment (Unadjusted)	5038.0	4964.0	4911.0
Unemployment (Unadjusted)	530.0	549.0	620.0
%Civilian Labor Force	9.5	10.0	11.2
Unemployment (Seas. Adj.)	547.0	576.0	635.0
%Civilian Labor Force	9.9	10.4	11.6



EMPLOYMENT INCREASES BY 74,000
UNEMPLOYMENT DECREASES BY 19,000

Total employment in Pennsylvania for October reached a level of 5,038,000 workers, the second highest month during the last 20, exceeded only by the July 1983 figure of 5,054,000. October's employment was 74,000 more than a month ago and 127,000 above a year ago. There were 530,000 Pennsylvanians unemployed, down 19,000 from September. The October unadjusted unemployment rate was 9.5 percent, dropping from 10.0 percent in September and 11.2 percent in October 1982.

The state's seasonally adjusted unemployment rate was 9.9 percent, down from 10.4 percent in September and the lowest recorded since December 1981. Nationally the seasonally adjusted unemployment rate for October was 9.3 percent.

NONAGRICULTURAL EMPLOYMENT INCREASES BY 35,600
NONMANUFACTURING INDUSTRIES GAIN 34,800 JOBS

Employment in the nonagricultural segment increased for the second consecutive month as employment reached 4,520,700 in October. This was 35,600 more than the September figure of 4,485,100. Nonmanufacturing industries accounted for 34,800 of the increase and manufacturing for 800.

NONMANUFACTURING. State and local government employment accounted for a significant increase of 25,600 in the nonmanufacturing sector. Local government gained 15,700 jobs while state government increased by 9,900. The employment gain in local government was attributed to educational institutions increasing their work forces by 19,800. This was enough to offset the drop of 4,100 that occurred in other local government jobs. At the state level, 10,600 jobs were added to the educational institutions payrolls, continuing the pattern that began in September.

Other major industrial sectors reporting gains in employment were nongovernmental educational service, 11,200; wholesale and retail trade, 4,800; and contract construction, 2,600. Seasonal amusement and recreation services reported a drop of 9,700 jobs. Also reporting losses were eating and drinking places with 3,900 jobs terminated.

MANUFACTURING. Net employment gains in manufacturing industries for October totaled 800 as the durable goods segment increased by 1,900 compared to a loss of 1,100 jobs in the nondurable goods. A total of 5,400 manufacturing jobs were added in September and 5,600 in August. Transportation equipment reported the largest increase with 1,300 additional persons employed, the second month for a significant increase in that industry which added 1,500 jobs in September. Metal forgings and stamping increased by 900 jobs, engines and turbines, 800; machinery, except electrical, 700; and newspaper printing and publishing, 700.

LENGTH OF WORK WEEK
AND WEEKLY EARNINGS EXPERIENCE
LITTLE CHANGE

Average weekly earnings for production workers changed very little over the previous month as the average weekly earnings dropped from $359.50 in September to $358.49. Durable goods average weekly earnings were $409.41, the same as the previous month and nondurable earnings fell to $295.29 from $297.22. With the length of the durable goods work week and the hourly rate remaining identical to the previous month at 40.9 hours and $10.01, respectively, the

overall reduction for the month is attributed to slight reductions in nondurable goods industries. Average weekly hours worked went from 38.6 in September to 38.3 in October, weekly income from $297.22 to $295.29 and average hourly earnings from $7.70 to $7.71.

Industries reporting average weekly nours worked of more than 45.0 hours during the month were: mining nonmetalic minerals, 49.0; paper mills except building paper, 46.0; electrical transformers, 45.8; and motor vehicles parts and accessories, 45.1.

THIRTEEN MAJOR LABOR MARKET AREA'S REPORT INCREASES IN EMPLOYMENT; TWELVE RECORD DROP IN UNEMPLOYMENT RATES (NOT SEASONALLY ADJUSTED)

Thirteen major labor market areas reported increases in employment during October. Only the Altoona area failed to show improvement over the previous month. Twelve major areas recorded decreases in unemployment rates. Altoona and Lancaster were the only areas that experienced increases in unemployment rates. Altoona's rate went from 11.8 percent to 12.2 percent and Lancaster's from 4.6 percent to 4.7 percent. Despite the slight increase, Lancaster's rate was the lowest among all major areas followed by Harrisburg, 5.2 and Reading, 6.3. Johnstown continues to lead the major labor market areas in unemployment rates with a rate of 15.1 percent, 0.6 percent below the previous month. Other areas reporting decreases from September, but exceeding the state unemployment rate of 9.5 percent were: Sharon, 14.7 percent; Pittsburgh, 12.2 percent; Williamsport, 12.2 percent; Erie, 11.8 percent; and Northeast Pennsylvania, 10.1 percent.

Ten major labor market areas reported employment increases in nonmanufacturing industries totaling 31,700 jobs and four areas reported a combined loss of 1,300 jobs, resulting in a net gain of 30,400 nonmanufacturing jobs. Areas reporting significant increases were: Philadelphia, 19,700; Pittsburgh, 3,100; Lancaster, 2,200; and Northeast Pennsylvania, 2,200. Altoona lost 800 nonmanufacturing jobs from the previous month, decreasing from 35,500 in September to 34,700 in October.

Employment in manufacturing industries dropped for eight labor market areas with Pittsburgh losing 900 jobs, and Lancaster losing 600. However, sizable gains were reported by Philadelphia, 3,100; Reading, 1,100; and York, 800. Total manufacturing jobs for the major labor market areas grew by 3,100.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYEES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Oct. 1983	Sept. 1983	Oct. 1982	Sept. 1983	Oct. 1982	Oct. 1983	Sept. 1983	Oct. 1982	Oct. 1983	Sept. 1983	Oct. 1982	Oct. 1983	Sept. 1983	Oct. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4520.7	4485.1	4523.1	35.6	-2.4									
TOTAL MANUFACTURING INDUSTRIES	1110.1	1109.3	1118.9	0.8	-8.8	$358.49	$359.50	$330.43	39.7	39.9	38.2	$ 9.03	$ 9.01	$ 8.65
TOTAL DURABLE GOODS	632.7	630.8	639.4	1.9	-6.7	409.41	409.41	374.81	40.9	40.9	38.8	10.01	10.01	9.66
Lumber & wood products	20.7	21.0	17.2	-0.3	3.5	285.07	282.05	262.87	40.9	40.7	38.6	6.97	6.93	6.81
Furniture & fixtures	19.3	18.8	18.2	0.5	1.1	305.72	302.65	282.51	40.6	40.3	38.7	7.53	7.51	7.30
Stone, clay & glass products	50.7	51.1	51.2	-0.4	-0.5	401.15	404.88	366.96	41.7	42.0	39.8	9.62	9.64	9.22
Primary metal industries	123.0	123.3	121.3	-0.3	1.7	468.77	469.17	429.47	40.1	40.1	35.7	11.69	11.70	12.03
Fabricated metal products	89.7	89.4	92.2	0.3	-2.5	405.74	405.74	369.13	41.7	41.7	40.3	9.73	9.73	9.16
Machinery, exc. electrical	106.1	105.4	116.6	0.7	-10.5	416.77	414.10	374.58	40.9	41.0	39.1	10.19	10.10	9.58
Electric & electronic equipment	103.3	103.0	104.3	0.3	-1.0	368.92	364.41	347.29	40.9	40.4	39.6	9.02	9.02	8.77
Transportation equipment	62.2	60.9	60.1	1.3	2.1	465.81	478.82	435.81	40.4	41.6	39.8	11.53	11.51	10.95
Instruments & related products	35.6	35.6	37.5	0.0	-1.9	369.96	372.19	346.81	40.7	40.9	39.5	9.09	9.10	8.78
Miscellaneous manufacturing industries	22.1	22.3	20.8	-0.2	1.3	373.83	379.81	310.46	40.9	41.6	39.2	9.14	9.13	7.92
TOTAL NONDURABLE GOODS	477.4	478.5	479.5	-1.1	-2.1	295.29	297.22	274.89	38.3	38.6	37.4	7.71	7.70	7.35
Food & kindred products	93.6	93.8	94.3	-0.2	-0.7	343.01	345.20	319.53	39.7	40.0	39.4	8.64	8.63	8.11
Tobacco manufacturers	2.3	2.3	2.3	0.0	0.0	215.74	222.71	205.37	40.1	42.1	39.8	5.38	5.29	5.16
Textile mill products	39.4	39.2	38.1	0.2	1.3	235.20	234.96	212.98	39.2	38.9	37.3	6.00	6.04	5.71
Apparel & other textile products	112.2	112.4	113.1	-0.2	-0.9	190.23	191.48	176.75	34.4	34.5	33.1	5.53	5.55	5.34
Paper & allied products	40.4	40.2	39.5	0.2	0.9	373.12	380.19	348.17	42.4	43.5	42.1	8.80	8.74	8.27
Printing & publishing	71.2	71.4	70.9	-0.2	0.3	363.01	362.60	330.60	38.7	39.2	38.0	9.38	9.25	8.70
Chemicals & allied products	56.6	57.0	57.5	-0.4	-0.9	424.50	429.70	401.17	40.7	41.8	40.4	10.43	10.28	9.93
Petroleum & coal products	14.1	14.5	16.4	-0.4	-2.3	548.75	542.16	520.51	43.9	43.2	42.7	12.50	12.55	12.19
Rubber & misc. plastics products	34.4	34.3	33.3	0.1	1.1	320.31	323.05	302.48	40.7	41.1	39.8	7.87	7.86	7.60
Leather & leather products	13.2	13.4	14.1	-0.2	-0.9	192.56	195.20	173.91	36.4	36.9	34.1	5.29	5.29	5.10
TOTAL NONMANUFACTURING INDUSTRIES	3410.6	3375.8	3404.2	34.8	6.4									
Mining	43.7	43.7	45.1	0.0	-1.4									
Contract Construction	163.4	160.8	176.5	2.6	-13.1									
Transportation	143.5	143.0	142.6	0.5	0.9									
Public Utilities	103.3	103.6	104.9	-0.3	-1.6									
Communications	53.2	53.3	54.7	-0.1	-1.5									
Electric, gas and sanitary service	50.1	50.3	50.2	-0.2	-0.1									
Wholesale trade	234.4	233.5	237.8	0.9	-3.4									
Retail trade	746.5	742.6	732.6	3.9	13.9									
General merchandise stores	119.4	117.4	117.5	2.0	1.9									
Finance, insurance & real estate	239.9	239.7	237.4	0.2	2.5									
Banking	80.7	81.0	80.0	-0.3	0.7									
Insurance	70.0	69.4	69.9	0.6	0.1									
Services	1065.7	1062.3	1056.9	3.4	8.8									
Business services	146.1	145.4	141.4	0.7	4.7									
Health services	365.6	365.4	356.6	0.2	9.0									
Hospitals	219.9	219.8	216.9	0.1	3.0									
Educational service	134.2	123.0	141.4	11.2	-7.2									
Government	670.2	646.6	670.4	23.6	-0.2									
Federal	132.7	134.7	132.4	-2.0	0.3									
State & local	537.5	511.9	538.0	25.6	-0.5									
Persons in labor-management disputes	3.7	5.4	6.4	-1.7	-2.7									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment, beginning with 1981, are benchmarked to first quarter 1982.

Due to budgetary constraints, the Pennsylvania Employment and Earnings will be published in a complete format only four times annually; April, July, October and January. The reduced format of the current issue will be published in all other months. If more complete data are needed during those months, contact (717) 787-3129.

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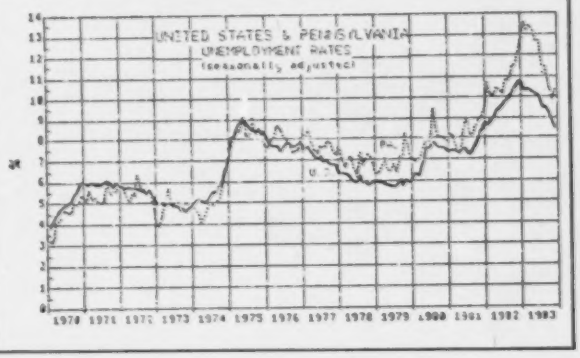
PENNSYLVANIA EMPLOYMENT AND EARNINGS

DECEMBER 1983 Vol. XXVIII NO. 12

(November Data)

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	NOV. 1983	OCT. 1983	NOV. 1982
Civilian Labor Force (Unadj.)	5601.0	5568.0	5551.0
Employment (Unadjusted)	5051.0	5038.0	4907.0
Unemployment (Unadjusted)	550.0	530.0	644.0
%Civilian Labor Force	9.8	9.5	11.6
Unemployment (Seas.Adj.)	571.0	547.0	663.0
%Civilian Labor Force	10.3	9.9	12.0


UNITED STATES & PENNSYLVANIA
UNEMPLOYMENT RATES
(seasonally adjusted)
1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983

EMPLOYMENT INCREASES BY 13,000
UNEMPLOYMENT INCREASES BY 20,000

Total employment in Pennsylvania for November increased by 13,000 over October to a level of 5,051,000 the highest since July 1983 when 5,054,000 persons were employed. Employment in November 1982 was 4,907,000. During November, unemployment in the state increased by 20,000 to 550,000, causing the unadjusted unemployment rate to edge up slightly from 9.5 percent to 9.8 percent. This was the first increase in the state rate since June when the rate increased due to the influx of students into the workforce.

Contributing to the increase in the number of unemployed was the reduction of seasonal business employment, such as services industries, mainly amusement and recreation, which lost 4,600 jobs and contract construction which lost 4,500 jobs.

The state's seasonally adjusted unemployment rate was 10.3 percent, an increase over October's rate of 9.9 percent. Nationally the seasonally adjusted rate dropped to 8.4 percent. This was 0.4 percentage point below October's figure of 8.8 percent.

NONAGRICULTURAL EMPLOYMENT INCREASES
BY 4,900 DURING NOVEMBER. EMPLOYMENT IN
MANUFACTURING INDUSTRIES RISES BY 5,100

Nonagricultural wage and salary employment (which excludes agriculture workers, the self-employed, unpaid family workers and domestic workers in private households) increased 4,900 over October, to 4,535,900, the third consecutive monthly increase. This was also 20,500 over November 1982 when 4,515,400 were employed. Manufacturing industries gained 13,100 jobs over last year, while nonmanufacturing industries increased by 7,400. Over-the-year trends varied as employment in retail trades and service industries increased by 12,000 and 11,000 respectively, while contract construction lost 10,100 jobs. Also reporting employment losses were government and nonelectrical machinery, each losing 6,500 jobs during the year. Manufacturing industries' employment gained 5,100 jobs in November, while nonmanufacturing lost 200 workers from October 1983.

NONMANUFACTURING. Although total employment in November for nonmanufacturing industries dropped by 200 from the previous month, wholesale and retail industries increased by 5,900 jobs. Government employment also reported a gain of 4,500 jobs. Offsetting these increases, however, were losses reported in the services industries, mainly amusement and recreation, (-4,600) and contract construction (-4,500). Transportation and public utilities employment also dropped by 1,300.

Comparing employment in the nonmanufacturing industries during November 1983 with November a year ago, total employment is up by 7,400. Leading the way were increases in the retail industries, 12,000; services industries, 11,000; and finance, insurance and real estate, 2,700.

MANUFACTURING. Manufacturing industries' employment in November increased by 5,100 workers to a level of 1,118,300, the fourth consecutive monthly increase. Employment was 13,100 above the November 1982 figure of 1,105,200. Pennsylvania's employment trend is following the national picture where manufacturing employment has been increasing. Employment in Pennsylvania's durable goods industries increased by 4,200 workers during November, to a level of 640,100, which is 8,300 more than a year ago. Nondurable goods employment increased by 900 persons in November to 478,200, which was 4,800 higher than last year.

Leading durable goods industries in employment gains were the primary metal industries, recording an employment increase of 1,900 over October bringing total November employment to 125,800. The November total was 6,000 above November 1982. Blast furnace and basic steel industries gained 1,800 jobs. Other industries reporting gains in employment during the month were machinery, except electrical, 900; fabricated metals, 800; electric and electronic equipment, transportation equipment and aircraft parts each gained 700 jobs. Employment in transportation equipment and electronic components and accessories during November were 3,500 and 3,300 above November 1982, respectively. Railroad equipment jobs decreased by 500 from October 1983, from 11,500 to 11,000.

In nondurable goods industries employment in rubber and miscellaneous plastics products gained 700 jobs during November. The 35,200 employed was 2,500 more than November 1982. Preserved fruits and vegetables employment decreased by 800 to 12,500. Although apparel and other textile products employment dropped by 100 during November, the 111,800 employed was 2,000 above last year's count.

WEEKLY EARNINGS, HOURS AND HOURLY RATE INCREASE

Weekly earnings for production workers in manufacturing industries increased by $8.04 over October, going from $359.79 to $367.83. The comparable figure for 1982 was $336.88. Contributing to the increased earnings were increases in the average workweek, 39.8 hours per week to 40.2, and 11 cent increase in average hourly earnings. Corresponding earnings data for durable goods during November were $419.80, 41.4 hours and $10.14, and for nondurable goods $303.42, 38.8 hours and $7.82.

Petroleum and coal products had the highest average weekly earnings, weekly hours worked and hourly rate, $561.78, 44.2 and $12.71, while apparel and other textile products recorded the lowest average weekly earnings, $190.15, and average hours worked, 34.5. Leather and leather products reported the lowest hourly rate, $5.30. The attached table presents wage data for selected industries.

UNEMPLOYMENT RATES DECREASE IN TWO AND EMPLOYMENT INCREASES IN SIX MAJOR LABOR MARKET AREAS
(Not Seasonally Adjusted)

Two areas which experienced decreases in unemployment rates from October to November were Reading, from 6.7 percent down to 6.5 percent, and Sharon down to 13.9 percent from 14.1 percent, while 12 areas reported increases in unemployment rates in November. Johnstown's rate of 15.3 percent of the civilian labor force unemployed was the highest and Lancaster's rate of 5.2 percent was lowest. Major labor market areas having unemployment rates higher than Pennsylvania's rate of 9.8 percent were: Johnstown, 15.3 percent; Sharon, 13.9 percent; Altoona, 13.1 percent; Erie, 12.3 percent; Pittsburgh, 12.2 percent; Williamsport, 11.9 percent; and Northeast Pennsylvania, 11.8 percent. Unadjusted unemployment rates for the other major labor market areas were: Allentown-Bethlehem-Easton, 9.2 percent; York, 8.9 percent; State College, 8.8 percent; Philadelphia, 7.2 percent; Reading, 6.5 percent; Harrisburg, 5.8 percent; and Lancaster, 5.2 percent.

Six major labor market areas reported increases in total employment and six reported decreases, while two remained unchanged. Total employment figures in areas reporting increases were: Allentown-Bethlehem-Easton, 282,000; Harrisburg, 232,200; Philadelphia, 2,107,700; Pittsburgh, 907,600; Reading, 155,600; and Williamsport, 46,900. Total employment figures for areas reporting losses were: Altoona, 49,600; Erie, 112,000; Johnstown, 88,900; Northeast Pennsylvania, 263,900; Sharon, 44,800; and State College, 49,200. Remaining unchanged from October employment were Lancaster, 180,600, and York, 169,200.

Total employment in the nonmanufacturing industries followed a simialr pattern, as total employment in six labor market areas reported increases and seven areas showed decreases, while one remained unchanged. The net gain for the 13 areas was 10,200 jobs, from 3,260,700 to 3,270,900. Employment in the manufacturing industries increased in ten major labor market areas and dropped in three: Allentown-Bethlehem-Easton, Erie, and Johnstown. Only Altoona remained unchanged from October. The table below presents employment in manufacturing and nonmanufacturing by major labor market areas.

EMPLOYMENT IN MANUFACTURING AND NONMANUFACTURING BY MAJOR LABOR MARKET AREA, NOVEMBER 1983-PRELIMINARY, OCTOBER 1983 FINAL

	MANUFACTURING		NONMANUFACTURING	
	Nov.	Oct.	Nov.	Oct.
A-B-E	87,500	87,900	159,600	159,200
Altoona	11,200	11,200	34,500	34,700
Erie	34,700	34,900	69,900	70,000
Harrisburg	41,000	40,700	183,200	182,200
Johnstown	12,600	12,700	62,600	62,700
Lancaster	55,700	55,200	96,900	96,700
Northeast Pennsylvania	62,700	62,500	168,000	169,300
Philadelphia	390,300	389,800	1,535,700	1,525,500
Pittsburgh	166,500	165,000	682,400	682,600
Reading	53,600	53,000	87,500	86,900
Sharon	10,200	10,100	29,000	29,000
State College	7,200	7,100	40,200	40,700
Williamsport	14,600	13,900	29,300	29,500
York	59,500	59,200	92,100	91,700

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA#	ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Nov. 1983	Oct. 1983	Nov. 1982	Oct. 1983	Nov. 1982	Nov. 1983	Oct. 1983	Nov. 1982	Nov. 1983	Oct. 1983	Nov. 1982	Nov. 1983	Oct. 1983	Nov. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4535.9	4531.0	4515.4	4.9	20.5									
TOTAL MANUFACTURING INDUSTRIES	1118.3	1113.2	1105.2	5.1	13.1	$367.83	$359.79	$336.88	40.2	39.8	38.5	$ 9.15	$ 9.04	$ 8.75
TOTAL DURABLE GOODS	640.1	635.9	631.8	4.2	8.3	419.80	407.81	384.34	41.4	40.7	39.5	10.14	10.02	9.73
Lumber & wood products	20.5	20.8	17.6	-0.3	2.9	278.00	282.87	259.84	40.0	40.7	38.1	6.95	6.95	6.82
Furniture & fixtures	19.4	19.3	18.2	0.1	1.2	303.67	304.62	290.82	39.8	40.4	39.3	7.63	7.54	7.40
Stone, clay & glass products	51.2	51.6	49.9	-0.4	1.3	404.77	400.32	378.51	41.6	41.7	40.7	9.73	9.60	9.30
Primary metal industries	125.8	123.9	119.8	1.9	6.0	479.08	464.84	441.17	40.6	39.9	36.4	11.80	11.65	12.12
Fabricated metal products	90.8	90.0	91.3	0.8	-0.5	413.14	407.69	377.10	42.2	41.9	40.9	9.79	9.73	9.22
Machinery, exc. electrical	107.0	106.1	113.5	0.9	-6.5	433.15	414.94	390.98	42.3	40.8	40.6	10.24	10.17	9.63
Electric & electronic equipment	104.8	104.1	104.0	0.7	0.8	376.89	365.52	349.36	41.1	40.3	39.7	9.17	9.07	8.80
Transportation equipment	63.1	62.4	59.6	0.7	3.5	490.88	466.72	451.69	41.6	40.2	41.1	11.80	11.61	10.99
Instruments & related products	35.4	35.6	37.3	-0.2	-1.9	381.22	372.10	362.71	41.8	40.8	40.8	9.12	9.12	8.89
Miscellaneous manufacturing industries	22.1	22.1	20.6	0.0	1.5	380.14	375.24	310.83	41.5	41.1	39.0	9.16	9.13	7.97
TOTAL NONDURABLE GOODS	478.2	477.3	473.4	0.9	4.8	303.42	298.38	278.63	38.8	38.6	37.3	7.82	7.73	7.47
Food & kindred products	93.7	93.8	93.3	-0.1	0.4	352.96	346.46	326.23	40.2	40.1	39.4	8.78	8.64	8.28
Tobacco manufacturers	2.3	2.3	2.3	0.0	0.0	210.79	215.74	203.60	39.4	40.1	40.0	5.35	5.38	5.09
Textile mill products	39.2	39.3	37.7	-0.1	-1.5	240.37	234.99	213.33	39.6	39.1	37.1	6.07	6.01	5.75
Apparel & other textile products	111.8	111.9	109.8	-0.1	2.0	190.15	190.79	174.31	34.2	34.5	32.4	5.56	5.53	5.38
Paper & allied products	40.5	40.1	39.2	0.4	1.3	376.68	376.68	346.10	43.0	43.0	41.8	8.76	8.76	8.28
Printing & publishing	71.7	71.3	70.9	0.4	0.8	372.17	365.43	342.50	39.3	39.0	38.7	9.47	9.37	8.85
Chemicals & allied products	56.6	56.7	57.6	-0.1	-1.0	448.59	430.15	405.59	42.4	41.4	40.6	10.58	10.39	9.99
Petroleum & coal products	14.0	14.2	15.9	-0.2	-1.9	561.78	551.00	534.01	44.2	43.8	43.1	12.71	12.58	12.39
Rubber & misc. plastics products	35.2	34.5	32.7	0.7	2.5	336.46	327.18	306.80	41.9	41.0	40.0	8.03	7.98	7.67
Leather & leather products	13.2	13.2	14.0	0.0	-0.8	192.92	192.19	177.32	36.4	36.4	34.7	5.30	5.28	5.11
TOTAL NONMANUFACTURING INDUSTRIES	3417.6	3417.8	3410.2	-0.2	7.4									
Mining	43.4	43.7	42.9	-0.3	0.5									
Contract Construction	158.7	163.2	168.8	-4.5	-10.1									
Transportation	142.9	144.1	141.2	-1.2	1.7									
Public Utilities	103.3	103.4	104.6	-0.1	-1.3									
Communications	53.1	53.3	54.5	-0.2	-1.4									
Electric, gas and sanitary service	50.2	50.1	50.1	0.1	0.1									
Wholesale trade	234.2	234.8	236.8	-0.6	-2.6									
Retail trade	755.4	748.9	743.4	6.5	12.0									
General merchandise stores	126.3	120.9	124.3	5.4	2.0									
Finance, insurance & real estate	239.9	239.8	237.2	0.1	2.7									
Banking	80.9	80.7	80.0	0.2	0.9									
Insurance	70.0	70.1	69.9	-0.1	0.1									
Services	1065.9	1070.5	1054.9	-4.6	11.0									
Business services	145.7	146.1	141.8	-0.4	3.9									
Health services	365.3	365.5	357.2	-0.2	8.1									
Hospitals	219.5	219.8	217.1	-0.3	2.4									
Educational service	140.6	139.1	142.9	1.5	-2.3									
Government	673.9	669.4	680.4	4.5	-6.5									
Federal	134.3	133.6	133.3	0.7	1.0									
State & local	539.6	535.8	547.1	3.8	-7.5									
Persons in labor-management disputes	3.6	3.2	3.5	0.4	0.1									

FOOTNOTES:

* Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF LEVELS, TRENDS AND TURNOVER RATES

DATA FOR DECEMBER 1983

JOB SERVICE

XXVIII No. 13

Released February 1984

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY

In cooperation with the United States Bureau of Labor Statistics

BUR 652 REV 6-81

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR DECEMBER 1983

DECEMBER'S SEASONALLY ADJUSTED UNEMPLOYMENT RATE SECOND LOWEST MONTH OF THE YEAR

EMPLOYMENT INCREASES 113,000 OVER DECEMBER 1982

(State resident data reflect BLS, USDOL annual revision to State data issued February 3, 1984.)

Pennsylvania's seasonally adjusted revised unemployment rate was 10.4 percent for December 1983, the second lowest monthly rate of the year. The yearly low point of 10.3 percent occurred in October and a high of 13.2 percent was reached in both January and March. The seasonally adjusted volume of revised unemployment also dropped, going from 585,000 in November to 576,000 and compares with a year-ago figure of 709,000.

The seasonally adjusted employment for December was 4,943,000 up 113,000 from a year ago and the highest employment level in three years. Not adjusted for seasonal influences, Pennsylvania's employment was 4,947,000 and 4,832,000 for December 1983 and 1982, respectively.

Seasonal adjustment filters out monthly fluctuations that occur on a regular basis each year due to seasonal influences, such as the increase in employment resulting from the holiday shopping season. The seasonally adjusted statistics are the figures most commonly used by the news media.

The 4th quarter average monthly employment of 5,022,000 was the second highest quarterly average since the third quarter of 1981 when 5,096,000 people were employed. Despite a slight drop of 11,000 from the third quarter of 1983, it represented an increase of 133,000 more than the 4th quarter 1982 average of 4,889,000.

Nationally, the seasonally adjusted rate of unemployment for December 1983 was 8.2 percent and the unadjusted rate was 10.2 percent. Comparable rates in December 1982 were 12.8 percent and 12.5 percent, respectively.

NONFARM WAGE AND SALARY EMPLOYMENT GAINS 64,200 OVER DECEMBER 1982; NONMANUFACTURING UP BY 37,200 AND MANUFACTURING GAINS 27,000

As 1983 came to a close, nonagricultural employment ended the year with an estimated 4,540,000 employed in December, 64,200 more than the close of 1982 when 4,475,800 were working and 800 more than the 4,539,200 workers in the previous month. Nonmanufacturing industries gained 37,200 jobs during the year, while manufacturing gained 27,000. The gains reflect the general economic recovery. Retail trades gained 25,300 jobs during the year.

NONMANUFACTURING Estimated employment in nonmanufacturing for December totaled 3,421,400, the same number of workers as in November. The closing fourth quarter figure was 45,600 more than the ending third quarter employment figure of 3,375,800. Payrolls gains in December were in wholesale and retail trade industries +15,700 but were offset by drops in contract construction -8,900, government -[illegible],000, services industries -1,400 and transportation -1,200. Decreases were related to the continued decline in seasonal employment, and follow annual employment patterns. December's year-end employment was 45,600 above the ending third quarter September total of 3,375,800 employed.

MANUFACTURING Manufacturing payrolls rose 800 in December 1983, with durable goods gaining 1,800 jobs but nondurable components experienced a loss of 1,000 positions. In the durable goods sector, primary metal industries gained 2,000 workers over November bringing total employment growth from December 1982 to 10,000 jobs. Electronic components and accessories recorded an increase of 700 jobs in December and 4,000 during the past year. Transportation equipment gained 4,400 jobs since December 1982. Nondurable goods employment dropped by 1,000 workers during December, to a level of 477,200 jobs. This was 1,300 less than the payroll total of 478,500 in September, but 9,800 more than December 1982 when 467,400 were employed. Apparel and other textile products, the largest employment segment of nondurables, closed out the year with 110,800 workers, 5,800 more than the end of 1982. Food and kindred products employment remained at about the same level as last year exhibiting a slight increase going from 93,100 in 1982 to 93,800 in 1983. Rubber and miscellaneous gained 300 jobs during December and ended the year with 2,800 more workers than last year. On the negative side, petroleum and coal products lost 600 jobs during the month and 2,200 over the year.

FOURTH QUARTER EARNINGS INCREASE OVER THIRD QUARTER

Factory workers earnings increased in December to a level of $371.05 per week, $9.85 higher than the third quarter ending $361.20 for September and $28.17 above December 1982. Also reporting increases for the quarter were average length of workweek 40.2 hours compared to 40.0, and hourly rate which increased from $9.03 in September to $9.23 for December. Average weekly and hourly earnings increased slightly over November's figures which were $368.75 and $9.15. Average weekly hours worked dropped from 40.3 to 40.2 from November.

Durable goods average weekly earnings for December was $421.67, average weekly hours worked at 41.3 and average hourly earnings of $10.21. Comparable figures for nondurable goods are $304.57, 38.7 hours and $7.87, respectively.

FOURTH QUARTER SEASONALLY ADJUSTED UNEMPLOYMENT RATES
DROP IN ALL MAJOR LABOR MARKET AREAS

All major labor market areas recorded decreases in the fourth quarter seasonally adjusted unemployment rates when compared to the ending third quarter. Seven areas recorded unemployment rates below the State rate of 10.2 percent which also dropped from the third quarter figure of 10.6 percent. Lancaster and Harrisburg labor market areas recorded the lowest adjusted rates 5.5 percent and 6.0 percent, respectively. Johnstown's adjusted rate of 15.6 percent was the highest reported for the fourth quarter, well below the 18.7 percent for the end of 1982. The table below presents seasonally adjusted quarterly rates for major labor market areas.

QUARTERLY AVERAGE ADJUSTED UNEMPLOYMENT BY
LABOR MARKET AREAS: NUMBER AND RATE, DECEMBER, 1983, 1982 AND SEPTEMBER 1983

AREA	FOURTH QUARTER-83		THIRD QUARTER-83		FOURTH QUARTER-82	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
A-B-E	30,500	9.9	33,700	10.9	39,100	12.6
Altoona	7,400	13.1	9,000	15.5	8,900	15.7
Erie	15,800	12.5	17,400	13.5	18,800	14.7
Harrisburg	14,500	6.0	14,800	6.2	17,900	7.5
Johnstown	16,300	15.6	20,200	18.9	21,600	20.3
Lancaster	10,400	5.5	11,000	5.9	14,600	7.9
Northeast PA	33,600	11.4	33,900	11.6	34.900	12.1
Philadelphia	171,900	7.7	184,800	8.3	193,800	8.8
Pittsburgh	127,600	12.5	140,600	13.6	153,700	14.8
Reading	12,500	7.7	13,800	8.5	18,100	11.3
Sharon	7,600	14.6	8,800	16.7	10,200	18.7
State College	5,000	9.5	5,100	9.8	5,600	10.9
Williamsport	6,900	13.0	7,500	14.3	7,800	14.8
York	17,800	9.7	17,900	9.9	22,500	12.4

* Rate expressed as percent of civilian labor force.

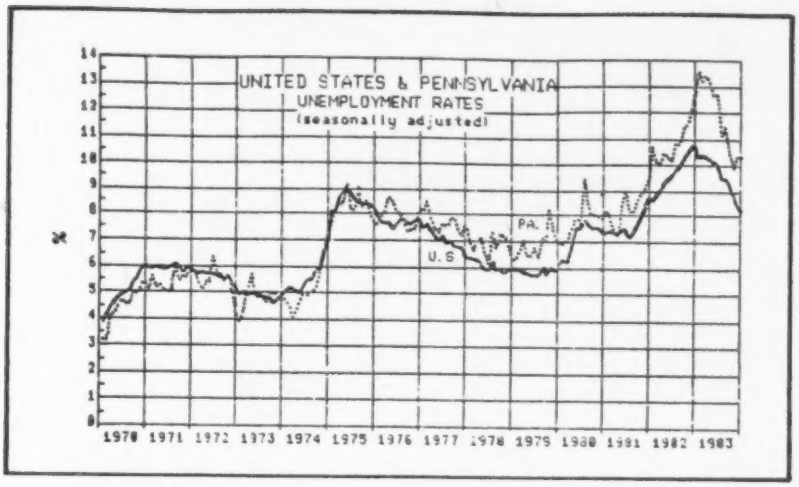

Table I. Resident Employment, Unemployment and Unemployed Rate (Thousands)

	PENNSYLVANIA					UNITED STATES				
Year	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1982	5,487	4,888	599	10.9		110,204	99,526	10,678	9.7	
1983 prel.	5,510	4,859	651	11.8		111,550	100,834	10,717	9.6	
1982 Dec.	5,525	4,832	692	12.5	12.8	110,477	98,849	11,628	10.5	10.8
1983 Jan.	5,418	4,612	806	14.9	13.2	109,779	97,262	12,517	11.4	10.4
Feb.	5,381	4,621	760	14.1	13.0	109,647	97,265	12,382	11.3	10.4
Mar.	5,320	4,582	738	13.9	13.2	109,873	97,994	11,879	10.8	10.3
Apr.	5,341	4,649	693	13.0	12.9	109,875	98,840	11,035	10.0	10.2
May	5,443	4,782	661	12.1	12.5	110,308	99,543	10,765	9.8	10.1
Jun.	5,624	4,901	723	12.9	12.3	113,383	101,813	11,570	10.2	10.0
Jul.	5,687	5,068	619	10.9	11.2	113,980	103,273	10,707	9.4	9.5
Aug.	5,662	5,050	612	10.8	11.6	113,578	103,167	10,411	9.2	9.5
Sep.	5,530	4,979	551	10.0	10.8	112,197	102,366	9,830	8.8	9.2
Oct.	5,585	5,053	532	9.5	10.3	112,042	102,659	9,383	8.4	8.8
Nov.	5,617	5,066	552	9.8	10.5	112,147	103,018	9,129	8.1	8.4
Dec.	5,508	4,947	562	10.2	10.4	111,795	102,803	8,992	8.0	8.2
1982										
3rd Qtr.	5,557	4,966	591	10.6	11.2	111,653	100,839	10,814	9.7	10.0
4th Qtr.	5,542	4,889	653	11.8	12.4	110,700	99,351	11,349	10.3	10.6
1983										
1st Qtr.	5,373	4,605	768	14.3	13.1	109,766	97,507	12,259	11.2	10.5
2nd Qtr.	5,470	4,777	692	12.7	12.6	111,189	100,065	11,123	10.0	10.1
3rd Qtr.	5,626	5,033	594	10.6	11.2	113,252	102,935	10,316	9.1	9.3
4th Qtr.	5,570	5,022	548	9.8	10.4	111,995	102,827	9,168	8.2	8.5

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Nov. 1983	Sept. 1983	Dec. 1982
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4540.0	4539.2	4531.0	4485.1	4475.8	0.8	54.9	64.2
LABOR-MANAGEMENT DISPUTES	2.6	3.3	3.2	5.4	3.2	-0.7	- 2.8	- 0.6
TOTAL MANUFACTURING INDUSTRIES	1118.6	1117.8	1113.2	1109.3	1091.6	0.8	9.3	27.0
TOTAL DURABLE GOODS	641.4	639.6	635.9	630.8	624.2	1.8	10.6	17.2
Lumber & wood products	20.0	20.6	20.8	21.0	17.1	-0.6	-1.0	2.9
Millwork, plywood & structural	7.0	6.9	6.9	6.9	5.5	0.1	0.1	1.5
Other lumber & wood prod.	13.0	13.7	13.9	14.1	11.6	-0.7	-1.1	1.4
Furniture & fixtures	19.5	19.4	19.3	18.8	17.9	0.1	0.7	1.6
Household furniture	8.2	8.3	8.3	7.9	7.6	-0.1	0.3	0.6
Office furniture	5.7	5.5	5.4	5.3	5.1	0.2	0.4	0.6
Other furniture & fixtures	5.6	5.6	5.6	5.6	5.2	0.0	0.0	0.4
Stone, clay & glass products	50.4	51.0	51.6	51.1	49.5	-0.6	-0.7	0.9
Glass & glassware, pressed or blown	13.2	13.2	13.7	13.7	13.5	0.0	-0.5	-0.3
Glass containers	6.4	6.6	6.9	6.8	7.1	-0.2	-0.4	-0.7
Other pressed or blown glass	6.8	6.6	6.8	6.9	6.4	0.2	-0.1	0.4
Hydraulic cement	2.1	2.1	2.2	2.2	2.3	0.0	-0.1	-0.2
Structural clay products	4.6	4.7	4.7	4.7	4.4	-0.1	-0.1	0.2
Pottery & related products	4.1	4.1	4.2	4.2	4.3	0.0	-0.1	-0.2
Concrete, gypsum & plaster prod.	7.0	7.6	7.6	7.7	6.8	-0.6	-0.7	0.2
Other stone, clay & glass prod.	19.4	19.3	19.2	18.6	18.2	0.1	0.8	1.2
Primary metal industries	128.0	126.0	123.9	123.3	118.0	2.0	4.7	10.0
Blast furnace & basic steel prod.	89.4	87.7	85.9	85.8	81.2	1.7	3.6	8.2
Blast furnaces & steel mills	81.7	80.1	78.5	78.0	73.6	1.6	3.7	8.1
Other basic steel products	7.7	7.6	7.4	7.8	7.6	0.1	-0.1	0.1
Iron & steel foundries	12.1	11.9	11.9	11.6	12.4	0.2	0.5	-0.3
Gray iron foundries	5.9	5.8	5.9	5.8	5.6	0.1	0.1	0.3
Steel foundries, n.e.c.	3.6	3.6	3.5	3.3	3.7	0.0	0.3	-0.1
Malleable iron & steel invest.	2.6	2.5	2.5	2.5	3.1	0.1	0.1	-0.5
Nonferrous rolling & drawing	13.0	12.9	12.7	12.6	12.1	0.1	0.4	0.9
Nonferrous foundries	5.8	5.8	5.7	5.7	5.5	0.0	0.1	0.3
Other primary metal products	7.7	7.7	7.7	7.6	6.8	0.0	0.1	0.9
Fabricated metal products	90.7	90.6	90.0	89.4	90.8	0.1	1.3	-0.1
Metal cans & shipping containers	3.5	3.6	3.4	3.4	3.3	-0.1	0.1	0.2
Cutlery, hand tools & hardware	4.7	4.7	4.7	4.7	4.9	0.0	0.0	-0.2
Plumbing & heating exc. electrical	2.6	2.6	2.6	2.7	2.8	0.0	-0.1	-0.2
Fabricated structural metal prod.	26.3	26.6	26.7	27.0	29.1	-0.3	-0.7	-2.8
Fabricated structural metal	4.8	4.7	4.8	4.7	5.4	0.1	0.1	-0.6
Fabricated plate work (boiler shops)	6.4	6.6	6.6	6.8	7.7	-0.2	-0.4	-1.3
Other fabricated struct. metal prod.	15.1	15.3	15.3	15.5	16.0	-0.2	-0.4	-0.9
Screw machine products, bolts, etc.	6.5	6.5	6.4	6.4	6.6	0.0	0.1	-0.1
Metal forgings & stampings	18.6	18.2	18.0	17.1	16.9	0.4	1.5	1.7
Iron & steel forgings	4.5	4.5	4.5	3.8	4.4	0.0	0.7	0.1
Other metal forgings & stampings	14.1	13.7	13.5	13.3	12.5	0.4	0.8	1.6
Metal services & ordnance, n.e.c.	8.2	8.3	8.3	8.3	7.9	-0.1	-0.1	0.3
Misc. fabricated metal products	20.3	20.1	19.9	19.8	19.3	0.2	0.5	1.0
Valves & pipe fittings	7.6	7.5	7.4	7.3	7.3	0.1	0.3	0.3
Other misc. fabricated metal prod.	12.7	12.6	12.5	12.5	12.0	0.1	0.2	0.7
Machinery, exc. electrical	107.6	106.9	106.1	105.4	113.0	0.7	2.2	-5.4
Engines & turbines	6.6	6.7	6.7	5.9	8.2	-0.1	0.7	-1.6
Farm & garden machinery	3.1	3.2	3.1	3.1	3.1	-0.1	0.0	0.0
Construction & related mach.	15.4	14.9	14.7	14.8	15.4	0.5	0.6	0.0
Construction machinery	5.1	5.0	4.9	4.9	3.7	0.1	0.2	1.4
Conveyors & conveying equip.	3.3	3.3	3.3	3.3	3.3	0.0	0.0	0.0
Other construction & related mach.	7.0	6.6	6.5	6.6	8.4	0.4	0.4	-1.4
Metal working machinery	14.9	14.8	14.7	14.7	16.6	0.1	0.2	-1.7
Special industry machinery	10.9	10.9	10.8	10.8	11.3	0.0	0.1	-0.4

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	NET CHANGE Nov. 1983	Sept. 1983	Dec. 1982
General industrial machinery	22.5	22.2	21.7	22.0	23.9	0.3	0.5	-1.4
Pumps & pumping equipment	3.3	3.3	3.2	3.5	3.8	0.0	-0.2	-0.5
Ball & roller bearings	3.4	3.3	3.3	3.3	3.1	0.1	0.1	0.3
Air & gas compressors	3.8	3.7	3.5	3.5	4.2	0.1	0.3	-0.4
Industrial furnaces & ovens	2.5	2.5	2.4	2.4	2.8	0.0	0.1	-0.3
Other general industrial mach.	9.5	9.4	9.3	9.3	10.0	0.1	0.2	-0.5
Office and computing machines	13.3	13.3	13.3	13.1	12.9	0.0	0.2	0.4
Refrigeration & service ind. mach.	9.0	9.0	9.2	9.4	9.3	0.0	-0.4	-0.3
Misc. machinery, exc. electrical	11.9	11.9	11.9	11.6	12.3	0.0	0.3	-0.4
Electric & electronic equipment	104.8	104.5	104.1	103.0	102.0	0.3	1.8	2.8
Electric distributing equip.	12.0	11.9	11.9	11.8	14.7	0.1	0.2	-2.7
Transformers	4.4	4.4	4.3	4.2	5.2	0.0	0.2	-0.8
Switchgear & switchboard apparatus	7.6	7.5	7.6	7.6	9.5	0.1	0.0	-1.9
Electrical industrial apparatus	16.1	16.1	15.9	15.9	15.4	0.0	0.2	0.7
Household appliances	3.5	3.7	3.7	3.7	4.0	-0.2	-0.2	-0.5
Electric lighting & wiring equip.	19.2	19.5	19.7	19.5	18.8	-0.3	-0.3	0.4
Current-carrying wiring devices	11.4	11.4	11.3	11.3	11.3	0.0	0.1	0.1
Other electric light & wiring equip.	7.8	8.1	8.4	8.2	7.5	-0.3	-0.4	0.3
Communication equipment	8.8	8.8	8.8	8.6	9.2	0.0	0.2	-0.4
Electronic components & accessories	34.8	34.1	33.7	33.5	30.8	0.7	1.3	4.0
Semiconductors & related devices	13.6	13.3	13.0	12.8	11.2	0.3	0.8	2.4
Other electronic components & access.	21.2	20.8	20.7	20.7	19.6	0.4	0.5	1.6
Other electrical equip. & supplies	10.4	10.4	10.4	10.0	9.1	0.0	0.4	1.3
Transportation equipment	63.4	63.2	62.4	60.9	59.0	0.2	2.5	4.4
Motor vehicles & equipment	26.1	25.9	25.3	24.5	23.0	0.2	1.6	3.1
Motor vehicle parts & access.	11.6	11.5	11.0	10.6	9.3	0.1	1.0	2.3
Other motor vehicles & equip.	14.5	14.4	14.3	13.9	13.7	0.1	0.6	0.8
Aircraft & parts	10.4	10.4	9.7	9.0	10.7	0.0	1.4	-0.3
Ship & boat building & repairing	3.4	3.4	3.3	3.1	2.6	0.0	0.3	0.8
Railroad equipment	10.8	11.0	11.5	11.8	10.4	-0.2	-1.0	0.4
Other transportation equipment	12.7	12.5	12.6	12.5	12.3	0.2	0.2	0.4
Instruments & related products	35.5	35.5	35.6	35.6	36.8	0.0	-0.1	-1.3
Measuring & controlling devices	17.3	17.3	17.4	17.4	18.5	0.0	-0.1	-1.2
Medical instruments & supplies	10.6	10.7	10.8	10.8	10.9	-0.1	-0.2	-0.3
Other instruments & related prod.	7.6	7.5	7.4	7.4	7.4	0.1	0.2	0.2
Miscellaneous manufacturing industries	21.5	21.9	22.1	22.3	20.1	-0.4	-0.8	1.4
TOTAL NONDURABLE GOODS	477.2	478.2	477.3	478.5	467.4	-1.0	-1.3	9.8
Food & kindred products	93.8	93.6	93.8	93.8	93.1	0.2	0.0	0.7
Meat products	13.6	13.5	13.3	13.2	13.9	0.1	0.4	-0.3
Meat packing plants	4.5	4.4	4.4	4.3	4.3	0.1	0.2	0.2
Sausages & other prepared meats	4.6	4.5	4.5	4.5	4.7	0.1	0.1	-0.1
Poultry dressing & processing	4.5	4.6	4.4	4.4	4.9	-0.1	0.1	-0.4
Dairy products	11.0	10.9	11.0	11.2	10.8	0.1	-0.2	0.2
Fluid milk	5.7	5.8	5.8	5.8	5.7	-0.1	-0.1	0.0
Other dairy products	5.3	5.1	5.2	5.4	5.1	0.2	-0.1	0.2
Preserved fruits & vegetables	12.2	12.6	13.3	12.6	12.2	-0.4	-0.4	0.0
Canned fruits & vegetables	4.2	4.5	5.0	4.0	4.6	-0.3	0.2	-0.4
Other preserved fruits & vegetables	8.0	8.1	8.3	8.6	7.6	-0.1	-0.6	0.4
Grain mill products	5.3	5.3	5.2	5.3	5.3	0.0	0.0	0.0
Bakery products	17.3	17.3	17.0	17.0	17.1	0.0	0.3	0.2
Bread, cake & related prod.	13.0	12.9	12.9	12.7	12.7	0.1	0.3	0.3
Cookies & crackers	4.3	4.4	4.1	4.3	4.4	-0.1	0.0	-0.1
Sugar & confectionery prod.	15.4	15.2	15.1	15.5	14.8	0.2	-0.1	0.6
Beverages	9.3	9.3	9.2	9.4	9.6	0.0	-0.1	-0.3
Other Food & Kindred Products	9.7	9.5	9.7	9.6	9.4	0.2	0.1	0.3

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Nov. 1983	Sept. 1983	Dec. 1982
Tobacco manufacturers	2.3	2.3	2.3	2.3	2.3	0.0	0.0	0.0
Textile mill products	39.4	39.3	39.3	39.2	37.8	0.1	0.2	1.6
Weaving mills, synthetics	4.2	4.3	4.3	4.3	4.1	-0.1	-0.1	0.1
Knitting mills	19.9	19.7	20.0	19.9	19.4	0.2	0.0	0.5
Knit outerwear mills	10.2	10.2	10.4	10.3	10.4	0.0	-0.1	-0.2
Knit underwear mills	5.5	5.4	5.4	5.3	4.8	0.1	0.2	0.7
Other knitting mills	4.2	4.1	4.2	4.3	4.2	0.1	-0.1	0.0
Floor covering mills	3.1	3.1	3.1	3.1	2.9	0.0	0.0	0.2
Yarn & thread mills	3.1	3.1	3.0	3.1	2.9	0.0	0.0	0.2
Other textile mill prod.	9.1	9.1	8.9	8.8	8.5	0.0	0.3	0.6
Apparel & other textile products	110.8	111.7	111.9	112.4	105.0	-0.9	-1.6	5.8
Men's & boys' suits & coats	15.4	15.1	14.8	14.8	14.7	0.3	0.6	0.7
Men's & boys' furnishings	17.3	17.4	17.5	17.5	17.0	-0.1	-0.2	0.3
Men's & boys' shirts & nightwear	6.5	6.5	6.6	6.5	6.6	0.0	0.0	-0.1
Men's & boys' separate trousers	4.0	4.0	3.9	3.9	3.8	0.0	0.1	0.2
Other furnishings & work clothing	6.8	6.9	7.0	7.1	6.6	-0.1	-0.3	0.2
Women's & misses' outerwear	48.5	49.0	48.9	49.5	46.8	-0.5	-1.0	1.7
Women's & children's undergarments	10.6	10.8	10.7	10.5	9.2	-0.2	0.1	1.4
Children's outerwear	7.8	7.9	7.9	8.0	7.4	-0.1	-0.2	0.4
Other apparel & textile prod.	11.2	11.5	12.1	12.1	9.9	-0.3	-0.9	1.3
Paper & allied products	40.5	40.4	40.1	40.2	39.2	0.1	0.3	1.3
Paper mills exc. building paper	10.1	10.0	9.9	9.9	10.0	0.1	0.2	0.1
Paper board containers & boxes	14.0	14.2	14.2	14.2	13.6	-0.2	-0.2	0.4
Corrugated & solid fiber boxes	7.2	7.3	7.3	7.3	7.1	-0.1	-0.1	0.1
Other paperboard containers	6.8	6.9	6.9	6.9	6.5	-0.1	-0.1	0.3
Other paper & allied products	16.4	16.2	16.0	16.1	15.6	0.2	0.3	0.8
Printing & publishing	71.8	71.7	71.3	71.4	71.7	0.1	0.4	0.1
Newspapers	23.1	23.2	23.3	22.7	22.4	-0.1	0.4	0.7
Books	5.6	5.6	5.4	5.5	5.8	0.0	0.1	-0.2
Commercial printing	23.4	22.9	22.6	23.0	23.4	0.5	0.4	0.0
Lithographing	13.9	13.5	13.4	13.6	13.9	0.4	0.3	0.0
Other commercial printing	9.5	9.4	9.2	9.4	9.5	0.1	0.1	0.0
Manifold business forms	4.6	4.7	4.7	4.7	4.6	-0.1	-0.1	0.0
Other printing & publishing	15.1	15.3	15.3	15.5	15.5	-0.2	-0.4	-0.4
Chemicals & allied products	56.6	56.8	56.7	57.0	57.0	-0.2	-0.4	-0.4
Industrial inorganic chemicals	8.9	8.9	8.8	8.8	9.5	0.0	0.1	-0.6
Plastic materials & synthetics	7.8	7.8	7.8	7.8	7.7	0.0	0.0	0.1
Drugs	19.0	19.2	19.3	19.2	18.9	-0.2	-0.2	0.1
Soap, cleaners & toilet goods	3.2	3.2	3.2	3.3	3.2	0.0	-0.1	0.0
Paints & allied products	3.9	3.9	4.0	4.0	3.9	0.0	-0.1	0.0
Other chemicals & allied prod.	13.8	13.8	13.6	13.9	13.8	0.0	-0.1	0.0
Petroleum & coal products	13.4	14.0	14.2	14.5	15.6	-0.6	-1.1	-2.2
Petroleum refining	10.3	10.4	10.4	10.5	12.5	-0.1	-0.2	-2.2
Other petroleum & coal prod.	3.1	3.6	3.8	4.0	3.1	-0.5	-0.9	0.0
Rubber & misc. plastics products	35.6	35.6	34.5	34.3	32.8	0.0	1.3	2.8
Tires & inner tubes	3.0	3.0	2.9	2.9	2.7	0.0	0.1	0.3
Fabricated rubber prod., n.e.c.	3.9	3.9	3.8	3.8	3.7	0.0	0.1	0.2
Other rubber & plastic prod., n.e.c.	28.7	28.4	27.8	27.6	26.4	0.3	1.1	2.3
Leather & leather products	13.0	13.1	13.2	13.4	12.9	-0.1	-0.4	0.1
Footwear, exc. rubber	10.0	10.0	10.1	10.3	10.3	0.0	-0.3	-0.3
Men's footwear, exc. athletic	4.6	4.6	4.7	4.8	3.9	0.0	-0.2	0.7
Women's footwear, exc. athletic	2.6	2.6	2.7	2.7	3.0	0.0	-0.1	-0.4
Other footwear	2.8	2.8	2.7	2.8	3.4	0.0	0.0	-0.6
Other leather & leather prod.	3.0	3.1	3.1	3.1	2.6	-0.1	-0.1	0.4

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Nov. 1983	Sept. 1983	Dec. 1982
TOTAL NONMANUFACTURING INDUSTRIES	3421.4	3421.4	3417.8	3375.8	3384.2	0.0	45.6	37.2
Mining	43.2	43.5	43.7	43.7	38.6	-0.3	-0.5	4.6
Anthracite	2.5	2.5	2.5	2.5	3.2	0.0	0.0	-0.7
Bituminous	31.5	31.5	31.7	31.7	25.8	0.0	-0.2	5.7
Nonmetallic minerals	4.0	4.3	4.4	4.4	3.8	-0.3	-0.4	0.2
Contract Construction	150.1	159.0	163.2	160.8	156.5	-8.9	-10.7	-6.4
General building	37.3	39.1	42.4	41.2	39.7	-1.8	-3.9	-2.4
Heavy construction	26.9	30.9	32.6	32.8	31.5	-4.0	-5.9	-4.6
Special trades	85.9	89.0	88.2	86.8	85.3	-3.1	-0.9	0.6
Transportation	143.9	145.1	144.1	143.0	140.0	-1.2	0.9	3.9
Railroads	26.2	26.2	26.3	26.2	27.9	0.0	0.0	-1.7
Public Utilities	103.8	103.6	103.4	103.6	104.7	0.2	0.2	-0.9
Communications	53.5	53.4	53.3	53.3	54.5	0.1	0.2	-1.0
Electric, gas & sanitary service	50.3	50.2	50.1	50.3	50.2	0.1	0.0	0.1
Electric systems	25.7	25.7	25.7	25.7	25.4	0.0	0.0	0.3
Gas production	8.9	8.9	8.9	9.0	9.1	0.0	-0.1	-0.2
Wholesale trade	236.1	234.7	234.8	233.5	235.3	1.4	2.6	0.8
Retail trade	769.5	755.2	748.9	742.6	744.2	14.3	26.9	25.3
General merchandise stores	133.4	127.5	120.9	117.4	128.4	5.9	16.0	5.0
Department stores	119.6	114.2	108.0	104.8	114.7	5.4	14.8	4.9
Finance, insurance & real estate	240.1	240.2	239.8	239.7	236.6	-0.1	0.4	3.5
Banking	81.0	80.9	80.7	81.0	80.2	0.1	0.0	0.8
Commercial & stock savings	74.6	74.5	74.3	74.6	73.8	0.1	0.0	0.8
Credit agencies & securities	33.6	33.4	33.0	33.0	31.3	0.2	0.6	2.3
Insurance	70.5	70.4	70.1	69.4	70.0	0.1	1.1	0.5
Life insurance	27.5	27.3	27.1	26.6	27.2	0.2	0.9	0.3
Fire, marine & casualty	27.9	28.0	28.0	27.8	28.1	-0.1	0.1	-0.2
Services	1064.3	1065.7	1070.5	1062.3	1050.3	-1.4	2.0	14.0
Business services	146.5	145.7	146.1	145.4	140.4	0.8	1.1	6.1
Health services	365.4	365.1	365.5	365.4	356.5	0.3	0.0	8.9
Nursing & personal care	55.9	55.9	55.8	55.8	55.1	0.0	0.1	0.8
Hospitals	219.4	219.4	219.8	219.8	216.9	0.0	-0.4	2.5
Educational service	139.5	140.4	139.1	123.0	143.6	-0.9	16.5	-4.1
Miscellaneous services	46.8	47.3	47.2	47.0	48.5	-0.5	-0.2	-1.7
Engineering & architectural	28.8	29.1	29.0	29.0	30.4	-0.3	-0.2	-1.6
Government	670.4	674.4	669.4	646.6	678.0	-4.0	23.8	-7.6
Federal	134.1	134.4	133.6	134.7	133.9	-0.3	-0.6	0.2
State & local	536.3	540.0	535.8	511.9	544.1	-3.7	24.4	-7.8

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	ANNUAL AVERAGE 1982	1981	1980
All Manufacturing	83.3	83.2	83.3	82.7	81.3	86.9	96.8	98.9
Primary Metals	64.1	63.1	63.0	61.6	59.1	71.1	92.1	95.2
Apparel	82.6	83.3	83.4	83.7	78.3	84.0	91.5	92.6
All Nonmanufacturing	106.1	106.1	105.8	105.7	104.9	105.2	106.3	106.2
Construction	81.6	86.4	86.2	88.8	85.1	90.7	98.2	103.3
Retail Trade	107.2	105.2	105.3	104.0	103.7	101.8	103.6	103.7
Services	123.3	123.5	122.9	123.5	121.7	121.1	117.3	112.9
Government	94.2	94.8	94.7	94.2	104.5	95.7	98.9	101.7

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	1983	1983	1983	1983	1982	1983	1983	1983	1983	1982	1983	1983	1983	1983	1982
Manufacturing	769.8	771.1	764.9	762.1	733.1	30,920.6	31,062.3	30,425.9	30,418.9	28,405.6	284,954.1	284,315.2	274,904.7	**273,926.8**	251,562.0
Durable Goods	431.4	431.2	426.3	421.4	405.3	17,831.9	17,892.1	17,355.7	17,250.4	16,108.9	181,986.4	181,392.6	173,885.4	172,595.2	158,549.0
Nondur. Goods	338.4	339.9	338.6	340.7	327.8	13,088.7	13,170.2	13,070.2	13,168.5	12,296.7	102,967.7	102,922.6	101,019.3	101,331.6	93,012.0

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Persons involved in labor management disputes are not included.

All Data are benchmarked to first quarter 1983.

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982
TOTAL MANUFACTURING INDUSTRIES	371.05	368.75	358.49	359.50	342.88	40.2	40.3	39.7	39.9	38.7	9.23	9.15	9.03	9.01	8.86
TOTAL DURABLE GOODS	421.67	420.81	409.41	409.41	390.65	41.3	41.5	40.9	40.9	39.7	10.21	10.14	10.01	10.01	9.84
Lumber & wood products	280.41	285.02	285.07	282.05	250.76	39.0	40.2	40.9	40.7	36.5	7.19	7.09	6.97	6.93	6.87
Millwork, plywood & structural	323.42	328.36	319.03	323.90	254.16	41.2	42.7	42.2	42.9	35.3	7.85	7.69	7.56	7.55	7.20
Other lumber & wood prod.	258.10	262.96	268.80	262.42	249.68	37.9	38.9	40.3	39.7	37.1	6.81	6.76	6.67	6.61	6.73
Furniture & fixtures	312.33	302.12	305.72	302.65	299.65	40.3	39.7	40.6	40.3	39.9	7.75	7.61	7.53	7.51	7.51
Household furniture	263.84	263.84	273.91	262.68	263.86	38.8	38.8	40.4	39.5	39.5	6.80	6.80	6.78	6.65	6.68
Office furniture	357.26	330.05	335.71	338.10	328.39	43.2	41.0	41.6	42.0	41.1	8.27	8.05	8.07	8.05	7.99
Other furniture & fixtures	344.84	337.85	328.32	330.34	332.14	39.5	39.7	39.7	39.8	39.4	8.73	8.51	8.27	8.30	8.43
Stone, clay & glass products	396.76	406.16	401.15	404.88	370.00	41.2	41.7	41.7	42.0	39.7	9.63	9.74	9.62	9.64	9.32
Glass & glassware, pressed or blown	420.68	420.26	422.00	421.16	391.27	41.9	41.9	42.2	42.2	41.1	10.04	10.03	10.00	9.98	9.52
Glass containers	457.87	436.31	446.26	445.20	420.61	43.4	41.2	42.1	42.0	42.4	10.55	10.59	10.60	10.60	9.92
Other pressed or blown glass	384.20	404.27	397.62	397.62	356.69	40.4	42.6	42.3	42.3	39.5	9.51	9.49	9.40	9.40	9.03
Hydraulic cement	486.72	525.44	560.15	560.68	512.53	39.0	40.7	42.5	42.8	41.3	12.48	12.91	13.18	13.10	12.41
Structural clay products	333.74	342.79	339.48	326.02	297.97	40.8	41.3	41.4	40.6	38.3	8.18	8.30	8.20	8.03	7.78
Pottery & related products	377.36	356.18	345.80	379.73	346.82	42.4	39.4	38.0	40.7	39.1	8.90	9.04	9.10	9.33	8.87
Concrete, gypsum & plaster prod.	353.12	362.30	371.45	382.75	332.33	41.3	41.5	43.7	44.3	39.8	8.55	8.73	8.50	8.64	8.35
Other stone, clay & glass prod.	409.44	434.95	408.95	409.94	373.45	40.7	42.6	41.1	41.2	38.5	10.06	10.21	9.95	9.95	9.70
Primary metal industries	482.93	483.75	468.77	469.17	469.39	41.1	41.1	40.1	40.1	38.1	11.75	11.77	11.69	11.70	12.32
Blast furnace & basic steel prod.	514.81	517.24	502.05	502.44	520.64	40.6	40.6	39.5	39.5	37.7	12.68	12.74	12.71	12.72	13.81
Blast furnaces & steel mills	520.83	524.55	507.36	508.65	530.06	40.5	40.6	39.3	39.4	37.7	12.86	12.92	12.91	12.91	14.06
Other basic steel products	448.26	448.54	442.39	441.10	438.45	41.2	41.0	41.0	40.1	37.7	10.88	10.94	10.79	11.00	11.63
Iron & steel foundries	359.39	366.30	368.42	369.08	340.48	39.8	40.7	40.8	41.1	38.0	9.03	9.00	9.03	8.98	8.96
Gray iron foundries	352.44	353.20	362.78	362.15	327.37	39.6	40.0	40.9	40.6	38.2	8.90	8.83	8.87	8.92	8.57
Steel foundries, n.e.c.	380.25	383.11	383.57	376.94	379.08	39.0	39.7	39.1	38.7	39.0	9.75	9.65	9.81	9.74	9.72
Malleable iron & steel invest.	352.31	376.28	361.68	376.32	325.74	41.4	43.5	42.5	44.8	36.6	8.51	8.65	8.51	8.40	8.90
Nonferrous rolling & drawing	461.44	444.14	426.97	434.85	387.45	44.8	43.5	42.4	42.8	41.0	10.30	10.21	10.07	10.16	9.45
Nonferrous foundries	369.84	377.17	380.79	363.81	333.89	40.2	40.6	41.3	40.2	38.6	9.20	9.29	9.22	9.05	8.65
Other primary metal products	434.85	421.41	407.35	401.32	356.26	44.6	43.4	42.3	42.2	37.9	9.75	9.71	9.63	9.51	9.40
Fabricated metal products	419.19	412.29	405.74	405.74	373.11	42.3	42.2	41.7	41.7	40.6	9.91	9.77	9.73	9.73	9.19
Metal cans & shipping containers	452.78	473.20	486.07	471.33	441.86	39.1	41.4	42.6	41.2	40.5	11.58	11.43	11.41	11.44	10.91
Cutlery, hand tools & hardware	304.98	317.46	315.09	307.32	290.00	38.9	40.7	40.5	39.4	40.0	7.84	7.80	7.78	7.80	7.25
Plumbing & heating exc. electrical	441.28	422.82	388.80	403.97	375.65	44.8	43.5	40.5	42.3	41.6	9.85	9.72	9.60	9.55	9.03
Fabricated structural metal prod.	369.24	374.82	363.85	362.37	354.50	40.8	41.6	41.3	40.9	40.7	9.05	9.01	8.81	8.86	8.71
Fabricated structural metal	387.61	383.68	388.03	389.05	388.49	41.5	41.3	41.5	41.3	40.3	9.34	9.29	9.35	9.42	9.64
Fabricated plate work (boiler shops)	440.59	462.58	409.41	420.51	414.07	40.2	42.4	40.9	41.8	42.6	10.96	10.91	10.01	10.06	9.72
Other fabricated struct. metal prod.	333.34	336.58	337.41	330.07	318.00	40.8	41.4	41.4	40.4	40.0	8.17	8.13	8.15	8.17	7.95
Screw machine products, bolts, etc.	407.15	387.86	378.80	370.27	342.50	42.5	41.0	40.6	39.9	38.7	9.58	9.46	9.33	9.28	8.85
Metal forgings & stampings	564.71	548.42	541.37	557.66	452.39	45.8	45.1	43.8	44.9	40.5	12.33	12.16	12.36	12.42	11.17
Iron & steel forgings	418.58	403.61	422.76	408.22	381.28	41.9	40.2	39.0	40.1	39.8	9.99	10.04	10.84	10.18	9.58
Other metal forgings & stampings	602.78	586.96	571.50	591.56	472.53	46.8	46.4	45.0	46.0	40.7	12.88	12.65	12.70	12.86	11.61
Metal services & ordnance, n.e.c.	337.00	329.62	337.02	342.78	334.78	40.7	40.1	41.0	41.2	41.9	8.28	8.22	8.22	8.32	7.99
Misc. fabricated metal products	391.92	378.78	374.01	372.94	363.60	42.6	41.9	41.1	41.3	40.9	9.20	9.04	9.10	9.03	8.89
Valves & pipe fittings	419.62	404.58	393.02	380.21	395.09	42.3	41.2	39.9	39.4	40.9	9.92	9.82	9.85	9.65	9.66
Other misc. fabricated metal prod.	376.64	364.63	363.66	369.73	346.42	42.8	42.3	41.8	42.4	40.9	8.80	8.62	8.70	8.72	8.47

HOURS AND EARNINGS FOR

Table 6. (cont.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982
Machinery, exc. electrical	433.44	432.73	416.77	414.10	392.85	42.0	42.3	40.9	41.0	40.5	10.32	10.23	10.19	10.10	9.70
Engines & turbines	509.41	512.62	470.21	484.06	511.29	42.1	42.4	38.7	39.1	43.7	12.10	12.09	12.15	12.38	11.70
Farm & garden machinery	524.62	489.92	498.63	480.47	408.43	46.1	43.9	44.6	43.6	39.5	11.38	11.16	11.18	11.02	10.34
Construction & related mach.	436.38	427.87	409.82	418.61	357.10	41.6	41.5	40.1	41.0	38.9	10.49	10.31	10.22	10.21	9.18
Construction machinery	518.87	485.39	470.96	488.31	357.60	42.6	41.7	40.6	41.7	40.0	12.18	11.64	11.60	11.71	8.94
Conveyors & conveying equip.	439.80	433.59	379.85	397.96	370.40	45.2	44.7	40.8	42.7	41.9	9.73	9.70	9.31	9.32	8.84
Other construction & related mach.	372.80	380.02	362.87	363.89	353.81	40.0	40.6	39.4	39.9	37.8	9.32	9.36	9.21	9.12	9.36
Metal working machinery	458.51	452.61	434.15	425.63	405.14	44.3	44.2	42.9	42.1	40.8	10.35	10.24	10.12	10.11	9.93
Special industry machinery	438.91	441.60	401.29	412.30	369.33	44.2	45.2	41.2	43.4	40.9	9.93	9.77	9.74	9.50	9.03
General industrial machinery	419.98	425.04	410.35	401.71	390.98	41.5	42.0	41.2	40.7	40.6	10.12	10.12	9.96	9.87	9.63
Pumps & pumping equipment	410.88	434.43	434.16	427.92	452.40	38.4	40.3	40.5	40.6	42.8	10.70	10.78	10.72	10.54	10.57
Ball & roller bearings	457.10	444.85	458.43	409.61	387.65	42.8	43.4	44.9	41.5	39.8	10.68	10.25	10.21	9.87	9.74
Air & gas compressors	426.30	468.25	430.98	456.57	381.39	42.0	44.3	41.6	44.5	39.4	10.15	10.57	10.36	10.26	9.68
Industrial furnaces & ovens	402.55	404.91	388.80	375.14	392.60	41.5	41.7	40.5	39.2	41.9	9.70	9.71	9.60	9.57	9.37
Other general industrial mach.	404.21	400.16	375.41	374.14	372.25	41.5	41.0	39.6	39.3	40.2	9.74	9.76	9.48	9.52	9.26
Office and computing machines	478.27	482.63	483.06	481.12	458.14	42.4	42.9	41.5	41.8	41.2	11.28	11.25	11.64	11.51	11.12
Refrigeration & service ind. mach.	395.14	386.45	368.39	361.17	396.18	39.2	38.8	37.9	37.7	42.6	10.08	9.96	9.72	9.58	9.30
Misc. machinery, exc. electrical	366.28	370.87	376.88	372.65	329.61	39.9	40.8	40.7	40.2	39.1	9.18	9.09	9.26	9.27	8.43
Electric & electronic equipment	377.29	376.89	368.92	364.41	349.58	40.7	41.1	40.9	40.4	39.5	9.27	9.17	9.02	9.02	8.85
Electric distributing equip.	448.12	450.26	442.89	392.27	437.00	42.8	42.8	42.1	37.9	41.5	10.47	10.52	10.52	10.35	10.53
Transformers	489.80	496.94	458.00	423.69	461.54	47.6	47.6	45.8	42.2	43.5	10.29	10.44	10.00	10.04	10.61
Switchgear & switchboard apparatus	421.22	417.91	433.42	371.71	421.94	39.7	39.5	39.8	35.1	40.3	10.61	10.58	10.89	10.59	10.47
Electrical industrial apparatus	373.11	372.91	363.04	360.12	320.82	40.6	40.8	40.7	40.6	38.7	9.19	9.14	8.92	8.87	8.29
Household appliances	363.66	365.08	353.22	341.96	291.47	43.5	42.8	41.9	41.3	38.1	8.36	8.53	8.43	8.28	7.65
Electric lighting & wiring equip.	341.20	337.19	330.26	330.26	289.14	40.0	39.3	39.6	39.6	37.6	8.53	8.58	8.34	8.34	7.69
Current-carrying wiring devices	382.55	376.85	383.10	361.12	325.19	42.6	42.2	42.9	41.7	39.9	8.98	8.93	8.93	8.66	8.15
Other electric light & wiring equip.	299.95	298.94	283.32	302.35	252.03	37.4	36.5	36.7	37.7	35.2	8.02	8.19	7.72	8.02	7.16
Communication equipment	360.51	376.66	367.88	389.05	372.41	39.4	41.3	39.9	41.3	40.7	9.15	9.12	9.22	9.42	9.15
Electronic components & accessories	394.07	389.63	384.50	389.22	366.68	40.5	41.1	41.3	41.1	39.9	9.73	9.48	9.31	9.47	9.19
Semiconductors & related devices	501.00	488.17	460.02	460.22	455.54	40.6	41.3	41.0	40.8	41.3	12.34	11.82	11.22	11.28	11.03
Other electronic components & access.	332.10	332.92	342.38	349.81	319.45	40.5	41.0	41.4	41.3	39.1	8.20	8.12	8.27	8.47	8.17
Other electrical equip. & supplies	326.82	334.91	322.36	313.84	317.17	40.1	41.5	40.6	40.6	39.4	8.15	8.07	7.94	7.73	8.05
Transportation equipment	488.99	491.30	465.81	478.82	460.78	41.3	41.6	40.4	41.6	41.4	11.84	11.81	11.53	11.51	11.13
Motor vehicles & equipment	509.96	501.65	480.32	486.30	470.96	41.8	41.7	41.3	41.6	41.9	12.20	12.03	11.63	11.69	11.24
Motor vehicle parts & access.	544.35	570.09	523.16	519.32	453.18	45.4	46.5	45.1	44.5	42.0	11.99	12.26	11.60	11.67	10.79
Other motor vehicles & equip.	480.27	442.93	445.41	460.20	484.46	38.7	37.6	38.2	39.3	41.8	12.41	11.78	11.66	11.71	11.59
Aircraft & parts	497.77	510.04	496.51	492.87	486.86	39.6	41.0	41.0	40.3	41.4	12.57	12.44	12.11	12.23	11.76
Ship & boat building & repairing	398.95	464.53	465.26	408.24	473.09	39.5	45.1	44.1	40.3	46.2	10.10	10.30	10.55	10.13	10.24
Railroad equipment	460.21	483.55	407.84	482.57	443.90	39.1	39.7	34.1	41.0	38.4	11.77	12.18	11.96	11.77	11.56
Other transportation equipment	469.92	455.33	462.53	459.02	410.90	44.5	43.2	43.8	43.8	42.1	10.56	10.54	10.56	10.48	9.76
Instruments & related products	391.07	379.89	369.96	372.19	379.26	42.6	41.7	40.7	40.9	42.0	9.18	9.11	9.09	9.10	9.03
Measuring & controlling devices	408.64	396.37	390.04	386.87	389.58	42.7	41.9	41.1	41.2	43.0	9.57	9.46	9.49	9.39	9.06
Medical instruments & supplies	383.21	360.55	347.04	353.60	395.96	43.3	41.3	40.4	40.0	41.9	8.85	8.73	8.59	8.84	9.45
Other instruments & related prod.	362.61	371.23	358.75	362.61	336.00	41.3	41.9	40.4	41.3	40.0	8.78	8.86	8.88	8.78	8.40
Miscellaneous manufacturing industries	374.95	380.14	373.83	379.81	309.08	40.8	41.5	40.9	41.6	38.3	9.19	9.16	9.14	9.13	8.07

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL (cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982
TOTAL NONDURABLE GOODS	$304.57	$303.03	$295.29	$297.22	$283.50	38.7	38.8	38.3	38.6	37.5	$ 7.87	$ 7.81	$ 7.71	$ 7.70	$ 7.56
Food & kindred products	347.85	350.32	343.01	345.20	330.30	39.8	39.9	39.7	40.0	39.7	8.74	8.78	8.64	8.63	8.32
Meat products	337.55	316.52	318.37	321.31	308.85	42.3	41.0	41.4	41.3	39.8	7.98	7.72	7.69	7.78	7.76
Meat packing plants	381.20	344.77	352.28	356.50	372.00	44.9	42.2	42.7	42.9	45.2	8.49	8.17	8.25	8.31	8.23
Sausages & other prepared meats	410.65	374.75	356.85	376.48	367.30	43.0	39.2	39.0	41.1	39.2	9.55	9.56	9.15	9.16	9.37
Poultry dressing & processing	237.34	245.78	255.78	246.00	212.00	39.1	41.1	42.0	40.0	35.7	6.07	5.98	6.09	6.15	5.94
Dairy products	317.99	322.80	316.00	333.06	322.21	40.1	40.4	40.0	42.7	41.9	7.93	7.99	7.90	7.80	7.69
Fluid milk	332.02	336.08	333.13	343.13	356.54	39.2	39.4	39.1	40.8	41.7	8.47	8.53	8.52	8.41	8.55
Other dairy products	306.88	311.95	302.47	325.90	292.17	40.7	41.1	40.6	44.1	42.1	7.54	7.59	7.45	7.39	6.94
Preserved fruits & vegetables	316.40	317.97	315.61	332.11	301.29	39.5	40.3	39.8	40.9	39.8	8.01	7.89	7.93	8.12	7.57
Canned fruits & vegetables	235.59	241.64	263.57	253.99	231.27	37.1	39.1	40.8	38.6	38.1	6.35	6.18	6.46	6.58	6.07
Other preserved fruits & vegetables	365.72	365.72	346.92	371.74	350.96	41.0	41.0	39.2	42.1	41.0	8.92	8.92	8.85	8.83	8.56
Grain mill products	443.22	470.80	455.94	452.15	405.19	41.5	42.8	42.1	42.1	40.6	10.68	11.00	10.83	10.74	9.98
Bakery products	353.51	343.91	343.60	326.68	323.02	38.3	37.3	37.8	36.5	37.3	9.23	9.22	9.09	8.95	8.66
Bread, cake & related prod.	348.00	346.75	346.49	343.73	322.71	37.1	36.5	36.9	37.0	36.3	9.38	9.50	9.39	9.29	8.89
Cookies & crackers	367.22	335.94	337.31	283.81	322.36	41.4	39.2	40.3	35.3	39.7	8.87	8.57	8.37	8.04	8.12
Sugar & confectionery prod.	345.95	370.93	364.61	355.11	342.03	38.1	40.1	40.2	39.5	39.0	9.08	9.25	9.07	8.99	8.77
Beverages	449.20	482.80	433.74	445.01	442.20	40.0	41.3	38.9	40.2	44.0	11.23	11.69	11.15	11.07	10.05
Other food & kindred products	300.85	288.51	279.17	294.06	275.89	40.6	39.2	38.4	39.9	39.3	7.41	7.36	7.27	7.37	7.02
Tobacco manufacturers	215.05	210.79	215.74	222.71	203.56	39.1	39.4	40.1	42.1	38.7	5.50	5.35	5.38	5.29	5.26
Textile mill products	236.68	240.37	235.20	234.96	211.48	38.8	39.6	39.2	38.9	36.4	6.10	6.07	6.00	6.04	5.81
Weaving mills, synthetics	276.28	265.63	261.43	256.85	241.40	42.9	41.7	41.3	40.9	40.1	6.44	6.37	6.33	6.28	6.02
Knitting mills	219.48	225.82	224.27	222.12	195.09	37.2	38.8	38.6	38.1	34.9	5.90	5.82	5.81	5.83	5.59
Knit outerwear mills	211.70	223.85	224.03	222.89	188.51	36.5	38.2	38.1	38.1	34.4	5.80	5.86	5.88	5.85	5.48
Knit underwear mills	198.93	197.93	201.98	198.45	184.25	36.5	37.7	38.4	37.8	35.5	5.45	5.25	5.26	5.25	5.19
Other knitting mills	264.13	268.77	254.00	251.94	224.31	39.6	41.8	40.0	38.7	35.5	6.67	6.43	6.35	6.51	6.32
Floor covering mills	334.78	349.97	319.30	321.44	261.89	41.9	44.3	41.2	41.0	37.2	7.99	7.90	7.75	7.84	7.04
Yarn & thread mills	191.66	194.76	196.38	199.08	189.19	36.3	36.2	36.3	36.0	35.9	5.28	5.38	5.41	5.53	5.27
Other textile mill prod.	249.08	248.25	241.40	245.02	229.52	40.7	40.3	40.3	40.3	38.0	6.12	6.16	5.99	6.08	6.04
Apparel & other textile products	188.72	191.05	190.23	191.48	171.72	33.7	34.3	34.4	34.5	31.8	5.60	5.57	5.53	5.55	5.40
Men's & boys' suits & coats	244.55	248.27	245.39	246.11	224.38	36.5	37.0	36.3	36.3	34.1	6.70	6.71	6.76	6.78	6.58
Men's & boys' furnishings	186.10	191.71	189.55	189.38	172.83	34.4	35.7	35.9	35.8	33.3	5.41	5.37	5.28	5.29	5.19
Men's & boys' shirts & nightwear	186.48	189.31	189.16	187.78	170.52	33.6	34.8	36.1	35.7	33.7	5.55	5.44	5.24	5.26	5.06
Men's & boys' separate trousers	195.30	195.28	190.65	189.20	180.49	36.1	35.7	34.6	34.4	33.3	5.41	5.47	5.51	5.50	5.42
Other furnishings & work clothing	179.71	191.78	188.92	190.84	170.23	34.1	36.6	36.4	36.7	32.8	5.27	5.24	5.19	5.20	5.19
Women's & misses' outerwear	178.20	175.77	174.95	180.95	156.29	32.4	31.9	32.1	32.9	29.6	5.50	5.51	5.45	5.50	5.28
Women's & children's undergarments	178.18	178.11	179.78	177.80	152.92	34.8	35.2	35.6	35.0	31.4	5.12	5.06	5.05	5.08	4.87
Children's outerwear	169.28	184.27	179.09	175.10	175.42	32.0	34.9	33.6	33.1	34.6	5.29	5.28	5.33	5.29	5.07
Other apparel & textile prod.	185.30	193.66	197.08	189.67	174.41	34.7	37.1	37.9	36.9	33.8	5.34	5.22	5.20	5.14	5.16

HOURS AND EARNINGS FOR

Table 6. (concl.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982	Dec. 1983	Nov. 1983	Oct. 1983	Sept. 1983	Dec. 1982
Paper & allied products	$385.39	$378.86	$373.12	$380.19	$358.28	43.4	43.2	42.4	43.5	42.5	$ 8.88	$ 8.77	$ 8.80	$ 8.74	$ 8.43
Paper mills exc. building paper	472.91	469.95	465.52	475.84	439.80	46.5	46.3	46.0	47.3	45.2	10.17	10.15	10.12	10.06	9.73
Paper board containers & boxes	379.14	375.82	370.09	376.64	346.04	42.6	43.0	42.2	42.8	41.0	8.90	8.74	8.77	8.80	8.44
Corrugated & solid fiber boxes	394.58	388.48	391.87	396.80	345.10	43.6	43.6	43.3	43.7	40.6	9.05	8.91	9.05	9.08	8.50
Other paperboard containers	362.71	363.37	347.27	354.88	347.77	41.5	42.4	41.0	41.8	41.5	8.74	8.57	8.47	8.49	8.38
Other paper & allied products	350.14	339.78	333.74	338.82	327.33	42.7	42.0	40.9	42.3	42.4	8.20	8.09	8.16	8.01	7.72
Printing & publishing	384.06	371.78	363.01	362.60	359.30	40.3	39.3	38.7	39.2	40.1	9.53	9.46	9.38	9.25	8.96
Newspapers	353.22	356.77	332.67	334.43	335.27	34.8	34.9	33.3	34.3	34.6	10.15	10.28	9.99	9.75	9.69
Books	355.92	362.95	384.12	368.46	330.46	40.4	42.6	43.6	42.4	40.3	8.81	8.52	8.81	8.69	8.20
Commercial printing	405.98	390.57	387.47	389.46	380.88	41.3	40.1	39.7	40.4	41.4	9.83	9.74	9.76	9.64	9.20
Lithographing	429.14	411.47	407.01	413.92	383.11	40.6	39.3	38.8	39.8	39.7	10.57	10.47	10.49	10.40	9.65
Other commercial printing	374.39	360.04	359.10	355.14	378.40	42.4	41.1	40.9	41.2	44.0	8.83	8.76	8.78	8.62	8.60
Manifold business forms	470.93	411.63	398.24	402.86	421.34	48.4	44.5	43.1	43.6	45.6	9.73	9.25	9.24	9.24	9.24
Other printing & publishing	349.21	335.62	325.53	322.87	328.45	40.7	38.8	38.8	38.9	40.6	8.58	8.65	8.39	8.30	8.09
Chemicals & allied products	447.07	446.05	424.50	429.70	415.17	42.7	42.2	40.7	41.8	41.6	10.47	10.57	10.43	10.28	9.98
Industrial inorganic chemicals	490.05	480.21	469.15	471.09	414.00	45.0	44.3	43.4	43.7	41.4	10.89	10.84	10.81	10.78	10.00
Plastic materials & synthetics	476.11	473.88	452.19	446.04	403.00	43.8	42.5	41.6	42.0	37.8	10.87	11.15	10.87	10.62	10.68
Drugs	464.26	466.89	436.71	449.76	463.49	41.6	42.1	40.7	41.3	44.1	11.16	11.09	10.73	10.89	10.51
Soap, cleaners & toilet goods	434.76	407.68	362.56	389.35	384.55	48.2	44.8	41.2	43.6	47.3	9.02	9.10	8.80	8.93	8.13
Paints & allied products	424.92	420.33	404.97	400.88	402.11	41.7	40.3	40.7	41.2	41.2	10.19	10.43	9.95	9.73	9.76
Other chemicals & allied prod.	412.82	418.40	408.72	409.28	383.38	41.2	41.1	39.3	41.3	39.2	10.02	10.18	10.40	9.91	9.78
Petroleum & coal products	575.08	560.51	548.75	542.16	534.20	44.0	44.1	43.9	43.2	42.6	13.07	12.71	12.50	12.55	12.54
Petroleum refining	615.77	609.21	599.72	595.45	556.75	44.3	44.5	44.0	43.4	42.5	13.90	13.69	13.63	13.72	13.10
Other petroleum & coal prod.	456.38	442.64	429.90	429.86	452.36	43.3	43.1	43.6	42.9	43.0	10.54	10.27	9.86	10.02	10.52
Rubber & misc. plastics products	341.40	336.88	320.31	323.05	304.72	42.2	41.9	40.7	41.1	40.2	8.09	8.04	7.87	7.86	7.58
Tires & inner tubes	464.38	483.05	457.68	459.22	395.21	43.4	45.7	43.3	43.2	39.8	10.70	10.57	10.57	10.63	9.93
Fabricated rubber prod., n.e.c.	370.36	366.38	360.77	372.11	357.16	40.3	40.8	40.4	41.3	41.1	9.19	8.98	8.93	9.01	8.69
Other rubber & plastic prod., n.e.c.	326.98	319.49	302.54	305.11	292.25	42.3	41.6	40.5	40.9	40.2	7.73	7.68	7.47	7.46	7.27
Leather & leather products	187.78	194.51	192.56	195.20	181.13	35.7	36.7	36.4	36.9	34.5	5.26	5.30	5.29	5.29	5.25
Footwear, exc. rubber	178.71	183.03	181.51	185.13	170.34	35.6	36.1	35.8	36.3	34.0	5.02	5.07	5.07	5.10	5.01
Men's footwear, exc. athletic	201.74	194.91	194.29	196.94	186.74	38.5	37.7	37.8	37.8	35.3	5.24	5.17	5.14	5.21	5.29
Women's footwear, exc. athletic	144.77	173.39	178.97	179.83	168.95	31.0	34.2	35.3	35.4	34.2	4.67	5.07	5.07	5.08	4.94
Other footwear	171.50	173.46	160.56	169.68	154.38	35.0	35.4	32.7	34.7	32.5	4.90	4.90	4.91	4.89	4.75
Other leather & leather prod.	222.77	231.39	230.83	231.46	225.57	36.4	38.5	38.6	38.9	36.5	6.12	6.01	5.98	5.95	6.18
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	391.96	388.42	389.52	394.86	405.89	35.6	35.7	36.0	36.8	38.4	11.01	10.88	10.82	10.73	10.57
Bituminous coal & lignite mining	487.20	510.97	498.04	504.21	556.75	35.0	37.0	36.3	36.3	42.5	13.92	13.81	13.72	13.89	13.10
Nonmetallic minerals, exc. fuels	448.71	426.65	437.57	441.14	365.40	48.3	48.1	49.0	49.4	40.6	9.29	8.87	8.93	8.93	9.00
Communication	502.63	493.60	475.57	465.66	455.83	40.6	40.0	40.2	39.8	39.5	12.38	12.34	11.83	11.70	11.54
Electric, gas, & sanitary services	528.36	549.11	532.12	527.09	497.70	42.1	43.0	42.4	42.1	42.0	12.55	12.77	12.55	12.52	11.85
Electric services	517.65	539.95	517.16	517.59	481.92	42.5	43.3	42.6	42.6	42.2	12.18	12.47	12.14	12.15	11.42
Gas production & distribution	447.73	452.69	433.82	439.50	427.22	40.3	40.6	39.8	40.1	41.0	11.11	11.15	10.90	10.96	10.42
General merchandise stores	171.80	164.16	166.16	162.23	160.17	32.6	30.4	31.0	30.9	31.1	5.27	5.40	5.36	5.25	5.15

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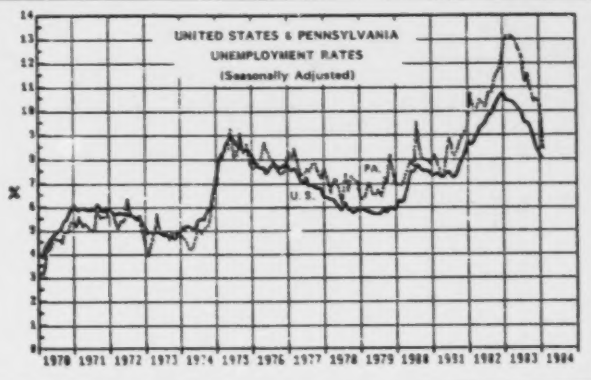
PENNSYLVANIA EMPLOYMENT AND EARNINGS

JOB SERVICE

Vol. XXIX No. 1 DATA FOR JANUARY 1984 Released March 1984

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	Jan. 1984	Dec. 1983	Jan. 1983
Civilian Labor Force(Unadj.)	5383.0	5508.0	5418.0
Employment (Unadjusted)	4841.0	4947.0	4612.0
Unemployment (Unadjusted)	542.0	562.0	806.0
%Civilian Labor Force	10.1	10.2	14.9
Unemployment (Seas. Adj.)	454.0	576.0	723.0
%Civilian Labor Force	8.3	10.4	13.2


UNITED STATES & PENNSYLVANIA
UNEMPLOYMENT RATES
(Seasonally Adjusted)
U.S.
PA.
1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984

UNEMPLOYMENT DECREASES BY 20,000

Pennsylvania's resident unadjusted unemployment level decreased by 20,000 persons in January to 542,000, or 10.1 percent of the civilian labor force. This was the first time since 1950, when such statistics first were kept, that the January rate of unemployment was less than the preceding December figures. The seasonally adjusted unemployment also decreased sharply from 576,000 to 454,000 causing the rate to drop from 10.4 percent in December to 8.3 percent in January.

Resident employment in January was 4,841,000, an increase of 229,000 over the January 1983 figure of 4,612,000. However, employment was down slightly from December (-106,000), reflecting the seasonal influences.

The national unadjusted unemployment rate for January was 8.8 percent, up from the December rate of 8.0 percent. The nation's seasonally adjusted rate was 8.0 percent, down from the December rate of 8.2 percent.

NONFARM EMPLOYMENT UP 85,400 OVER JANUARY 1983

Nonfarm employment for January was 4,492,400 up 85,400 from January 1983 when 4,407,000 were employed. Manufacturing employment increased by 28,200 with durable goods gaining 21,000 jobs. Nonmanufacturing employment was up 57,200 over January a year ago, but suffered a loss of 95,300 jobs from December, less then expected for this period.

NONMANUFACTURING The drop of 95,300 jobs from December brought nonmanufacturing employment to a level of 3,385,800 for January 1984. Retail trades lost 31,800, services industries dropped 23,800 and contract construction was down 18,000. These industries reflect drops in employment attributed to seasonal factors. Public utilities was the only major industry that reported an employment level lower than January 1983, being down 300 from 105,500 a year ago. Finance, insurance and real estate industries reported a gain of 2,100 workers, the only major sector to report an increase over December. Banking accounted for 800 of the increase.

MANUFACTURING Employment in Pennsylvania's manufacturing sector decreased by 8,800 jobs from December 1983. However, the 1,106,600 employed was 28,200 above January 1983. Durable goods employment decreased by 4,100 jobs while nondurable goods lost 4,700. Basic steel industries employment dropped 2,000 jobs from December, but the number employed (87,400) was 4,400 above January 1983. Food and kindred products employment decreased by 3,000 from December to a level of 89,000, only 300 jobs below last year's figure.

WEEKLY HOURS AND EARNINGS

In January, average hours worked in manufacturing industries dropped to 39.6 from December's 40.2. Hourly earnings, however, increased slightly, from $9.24 up to $9.27. The reduction in average hours worked per week resulted in a lower average weekly earnings, $367.09 compared to the previous month's $371.45. Last January's figure was $338.57.

Durable goods hourly earnings were $10.26 up 4 cents from December. Average weekly hours worked dropped from 41.5 to 41.0. Average weekly earnings fell off slightly to $420.66, a decrease of $3.47 per week from December 1983.

Nondurable goods hourly earnings, average weekly hours and average weekly earnings were $7.90, 37.9 and $299.41, respectively. Comparable figures for December were $7.87, 38.6 and $303.78.

BUR 653 8 82 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA #	ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Jan. 1984	Dec. 1983	Jan. 1983	Dec. 1983	Jan. 1983	Jan. 1984	Dec. 1983	Jan. 1983	Jan. 1984	Dec. 1983	Jan. 1983	Jan. 1984	Dec. 1983	Jan. 1983
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4492.4	4596.5	4407.0	-104.1	85.4									
TOTAL MANUFACTURING INDUSTRIES	1106.6	1115.4	1078.4	-8.8	28.2	$367.09	$371.45	$338.57	39.6	40.2	38.3	$ 9.27	$ 9.24	$ 8.84
TOTAL DURABLE GOODS	634.4	638.5	613.4	-4.1	21.0	420.66	424.13	385.34	41.0	41.5	39.2	10.26	10.22	9.83
Lumber & wood products	19.8	20.1	17.3	-0.3	2.5	277.29	286.40	265.56	39.0	40.0	38.1	7.11	7.16	6.97
Furniture & fixtures	19.9	20.0	18.2	-0.1	1.7	301.41	312.29	280.77	39.4	40.4	36.2	7.65	7.73	7.35
Stone, clay & glass products	47.4	48.9	46.6	-1.5	0.8	396.47	397.29	355.26	41.0	41.0	38.2	9.67	9.69	9.30
Primary metal industries	126.5	128.3	119.7	-1.8	6.8	484.26	488.87	466.07	40.9	41.5	37.8	11.84	11.78	12.33
Fabricated metal products	87.6	88.2	87.4	-0.6	0.2	408.80	422.17	372.13	41.8	42.6	40.1	9.78	9.91	9.28
Machinery, exc. electrical	110.7	109.7	110.1	1.0	0.6	426.63	435.31	385.49	41.3	42.1	39.7	10.33	10.34	9.71
Electric & electronic equipment	104.1	103.7	100.1	0.4	4.0	379.76	377.70	349.38	40.4	40.7	39.3	9.40	9.28	8.89
Transportation equipment	62.6	62.9	58.8	-0.3	3.8	507.78	490.18	433.20	42.0	41.4	40.6	12.09	11.84	10.67
Instruments & related products	36.2	36.3	36.2	-0.1	0.0	360.69	390.15	359.07	40.3	42.5	40.3	8.95	9.18	8.91
Miscellaneous manufacturing industries	19.6	20.4	19.0	-0.8	0.6	383.05	375.46	315.61	41.1	40.9	39.8	9.32	9.18	7.93
TOTAL NONDURABLE GOODS	472.2	476.9	465.0	-4.7	7.2	299.41	303.48	281.62	37.9	38.6	37.3	7.90	7.87	7.55
Food & kindred products	89.0	92.0	89.3	-3.0	-0.3	340.17	347.77	327.60	38.7	39.7	39.0	8.79	8.76	8.40
Tobacco manufacturers	2.3	2.3	2.4	0.0	-0.1	211.86	211.63	210.79	37.9	38.2	39.4	5.59	5.54	5.35
Textile mill products	36.3	37.1	34.6	-0.8	1.7	237.62	237.07	219.41	38.7	38.8	37.0	6.14	6.11	5.93
Apparel & other textile products	111.2	111.6	109.5	-0.4	1.7	190.85	188.38	176.80	33.6	33.7	32.5	5.68	5.59	5.44
Paper & allied products	41.2	41.2	39.6	0.0	1.6	367.74	385.83	351.96	41.6	43.4	42.1	8.84	8.89	8.36
Printing & publishing	72.7	73.0	71.8	-0.3	0.9	369.16	382.04	349.66	38.9	40.3	39.2	9.49	9.48	8.92
Chemicals & allied products	57.3	57.3	58.1	0.0	-0.8	449.40	445.20	397.79	42.0	42.4	40.1	10.70	10.50	9.92
Petroleum & coal products	13.8	13.7	15.2	0.1	-1.4	587.40	572.47	542.67	44.5	43.7	42.1	13.20	13.10	12.89
Rubber & misc. plastics products	35.0	34.9	30.9	0.1	4.1	335.37	337.38	303.67	40.7	41.6	39.8	8.24	8.11	7.63
Leather & leather products	13.4	13.8	13.6	-0.4	-0.2	190.46	186.54	180.58	35.8	35.6	34.2	5.32	5.24	5.28
TOTAL NONMANUFACTURING INDUSTRIES	3385.8	3481.1	3328.6	-95.3	57.2									
Mining	38.9	39.9	38.9	-1.0	0.0									
Contract Construction	144.2	162.2	143.6	-18.0	0.6									
Transportation	135.8	141.8	131.6	-6.0	4.2									
Public Utilities	105.2	105.3	105.5	-0.1	-0.3									
Communications	54.8	54.9	55.1	-0.1	-0.3									
Electric, gas and sanitary service	50.4	50.4	50.4	0.0	0.0									
Wholesale trade	239.8	242.5	236.2	-2.7	3.6									
Retail trade	761.7	793.5	730.8	-31.8	30.9									
General merchandise stores	125.1	133.4	120.3	-8.3	4.8									
Finance, insurance & real estate	245.8	243.7	237.8	2.1	8.0									
Banking	82.2	81.4	80.8	0.8	1.4									
Insurance	70.6	69.9	68.8	0.7	1.8									
Services	1055.6	1079.4	1032.3	-23.8	23.3									
Business services	146.4	151.6	141.1	-5.2	5.3									
Health services	370.5	370.8	360.1	-0.3	10.4									
Hospitals	222.8	223.4	218.6	-0.6	4.2									
Educational service	127.8	137.4	129.2	-9.6	-1.4									
Government	658.8	672.8	671.9	-14.0	-13.1									
Federal	131.7	132.5	132.1	-0.8	-0.4									
State & local	527.1	540.3	539.8	-9.7	-4.3									
Persons in labor-management disputes	2.0	2.8	2.8	-0.8	-0.8									

FOOTNOTES.

*Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

#Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment and Resident Data are benchmarked to first quarter 1983.

The Pennsylvania Employment and Earnings is published quarterly, April, July, October and January. A condensed report is published for all other months. If additional data are needed, telephone, 717-787-3129.

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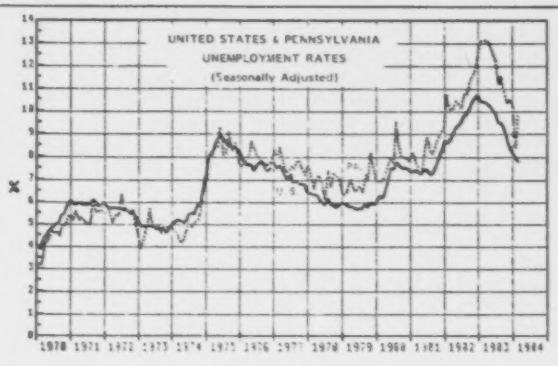
PENNSYLVANIA EMPLOYMENT AND EARNINGS

VOL.XXIX No. 2 DATA FOR FEBRUARY 1984 Released April 1984

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	Feb. 1984	Jan. 1984	Feb. 1983
Civilian Labor Force(Unadj.)	5344.0	5383.0	5381.0
Employment (Unadjusted)	4758.0	4841.0	4621.0
Unemployment (Unadjusted)	586.0	542.0	760.0
%Civilian Labor Force	11.0	10.1	14.1
Unemployment (Seas. Adj.)	533.0	454.0	710.0
%Civilian Labor Force	9.8	8.3	13.0



FEBRUARY 1984 SEASONALLY ADJUSTED UNEMPLOYMENT DROPS 177,000 FROM FEBRUARY 1983 - EMPLOYMENT UP 143,000

Pennsylvania's seasonally adjusted unemployment fell to 533,000 in February, down 177,000 from February 1983. The February unemployment rate of 9.8 percent of the civilian labor force was 3.2 percentage points below last year's rate of 13.0 percent. The February rate was the second lowest since December 1981 when a rate of 9.3 percent was recorded. This unemployment level continues the Commonwealth's trend of economic improvement.

Total seasonally adjusted employment during February was 4,888,000, up 143,000 from the year-ago level. However, this was 109,000 below January's figure of 4,997,000.

The United States seasonally adjusted unemployment rate was 7.8 percent for February, down from 8.0 percent in January and 10.4 percent a year ago. The seasonally adjusted employment was 103,892,000 or 702,000 more than the previous month and 2,720,000 more than February 1983 when seasonally adjusted employment was 99,172,000.

NONFARM EMPLOYMENT UP 116,700 OVER FEBRUARY 1983 - DURABLE GOODS EMPLOYMENT HIGHEST SINCE OCTOBER 1982

Nonfarm employment (which excludes farm workers, the self-employed, unpaid family workers and domestic workers in private household) increased by 116,700 over February 1983 to a level of 4,506,000 and was 8,600 more than in the previous month. The number of workers in manufacturing industries increased 7,200 over January to a level of 1,114,500 with durable goods gaining 4,700 jobs and nondurable goods reporting a gain of 2,500. Nonmanufacturing employment increased by 1,400 to 3,391,500, slightly below the 1983 average employment figure of 3,424,000.

NONMANUFACTURING Total employment in nonmanufacturing industries increased by 1,400 during the month. Employment in government increased by 13,700 and services industries employment increased 6,900. Employment in state education institutions increased 10,000 and educational services increased 8,600 over January, both due to seasonal fluctuations. Retail trade, which also is affected by seasonal influences, decreased by 15,700 jobs during the month; however, the 747,400 employed in retail trade was 34,300 above last year. Employment in public utilities decreased by 2,100 during the month.

MANUFACTURING Manufacturing industries total employment increased by 7,200 jobs during February, continuing a trend of monthly increases since March 1983. January 1984 was the only month that did not record an increase over the previous month during that time period. Durable goods industries gained 4,700 jobs, raising the employment level to 640,300, the highest number employed since October 1982. Primary metals industries accounted for 1,600 of the increase, bringing employment in that industry to 129,100, the highest since September 1982 when 131,500 were working. Transportation equipment reported an increase of 1,500 jobs, from 62,900 in January to the February level of 64,400.

Nondurable industries employment improved by an additional 2,500 jobs, increasing to 474,200 in February compared to 471,700 one month ago. Apparel and other textile products added 2,600 jobs in February, bringing employment to a level of 113,900, the highest number employed since October 1982 when 113,900 also were employed. Food and kindred products employment dropped during February by 700 to 88,300, compared with 89,000 in January.

WEEKLY HOURS AND EARNINGS

The average weekly hours worked in manufacturing industries in February was 40.3, an increase of 0.4 hour over January and 3.4 hours above February a year ago. Average weekly earnings increased by $5.30 ($368.68 to $373.98), and the average hourly rate went from $9.24 to $9.28 for the month. Durable goods weekly earnings increased by $9.28, from $421.26 to $430.54. Average weekly hours worked and the average hourly earnings were 41.8 and $10.30, respectively, both up slightly over the previous month's corresponding figures of 41.3 and $10.20. Nondurable goods industries hourly earnings, average weekly hours worked and average weekly earnings for February were $7.84, 38.4 and $301.06, respectively. February average weekly earnings and hours worked were slightly higher than January's figures of $300.99 and 38.1, while hourly earnings were down from $7.90.

BLMR 551 9-83 COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA *	ALL EMPLOYEES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	Feb. 1984	Jan. 1984	Feb. 1983	Jan. 1984	Feb. 1983	Feb. 1984	Jan. 1984	Feb. 1983	Feb. 1984	Jan. 1984	Feb. 1983	Feb. 1984	Jan. 1984	Feb. 1983
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4506.0	4497.4	4389.3	8.6	116.7									
TOTAL MANUFACTURING INDUSTRIES	1114.5	1107.3	1071.2	7.2	43.3	$373.98	$368.68	$326.20	40.3	39.9	36.9	$ 9.28	$ 9.24	$ 8.84
TOTAL DURABLE GOODS	640.3	635.6	607.2	4.7	33.1	430.54	421.26	373.54	41.8	41.3	38.0	10.30	10.20	9.83
Lumber & wood products	19.8	19.8	17.4	0.0	2.4	293.35	295.73	250.27	40.8	40.4	35.6	7.19	7.32	7.03
Furniture & fixtures	19.9	19.9	17.7	0.0	2.2	299.41	301.32	265.71	39.5	39.7	36.7	7.58	7.59	7.24
Stone, clay & glass products	47.6	47.3	45.7	0.3	1.9	397.29	392.04	359.14	41.0	40.5	38.7	9.69	9.68	9.28
Primary metal industries	129.1	127.5	117.6	1.6	11.5	507.31	492.13	459.75	42.1	41.6	37.5	12.05	11.83	12.26
Fabricated metal products	88.2	87.8	86.1	0.4	2.1	411.31	406.16	360.06	41.8	41.7	38.8	9.84	9.74	9.28
Machinery, exc. electrical	109.9	110.5	110.7	-0.6	-0.8	435.87	425.79	375.17	42.4	41.5	38.4	10.28	10.26	9.77
Electric & electronic equipment	104.4	103.5	99.7	0.9	4.7	399.61	386.04	331.63	41.8	41.2	37.9	9.56	9.37	8.75
Transportation equipment	64.4	62.9	56.9	1.5	7.5	497.84	497.84	413.32	41.8	41.8	38.2	11.91	11.91	10.82
Instruments & related products	36.4	36.3	36.0	0.1	0.4	376.62	369.08	340.07	41.8	41.1	38.6	9.01	8.98	8.81
Miscellaneous manufacturing industries	20.6	20.1	19.4	0.5	1.2	348.06	356.07	295.42	40.9	41.5	37.3	8.51	8.58	7.92
TOTAL NONDURABLE GOODS	474.2	471.7	464.0	2.5	10.2	301.06	300.99	267.62	38.4	38.1	35.4	7.84	7.90	7.56
Food & kindred products	88.3	89.0	88.3	-0.7	0.0	341.05	344.65	313.04	38.8	38.9	37.4	8.79	8.86	8.37
Tobacco manufacturers	2.2	2.2	2.4	0.0	-0.2	204.53	212.80	195.11	36.2	38.0	35.8	5.65	5.60	5.45
Textile mill products	36.1	36.3	34.3	-0.2	1.8	241.10	240.17	207.90	38.7	38.8	35.0	6.23	6.19	5.94
Apparel & other textile products	113.9	111.3	111.0	2.6	2.9	195.79	191.87	163.08	34.9	33.9	30.2	5.61	5.66	5.40
Paper & allied products	41.0	41.0	39.5	0.0	1.5	374.82	366.86	334.87	42.4	41.5	40.2	8.84	8.84	8.33
Printing & publishing	72.8	72.8	71.3	0.0	1.5	379.25	374.92	330.71	39.3	39.3	37.2	9.65	9.54	8.89
Chemicals & allied products	57.7	57.4	57.6	0.3	0.1	444.11	451.08	401.00	41.7	42.0	39.9	10.65	10.74	10.05
Petroleum & coal products	13.4	13.7	14.9	-0.3	-1.5	555.06	551.67	546.84	43.5	42.6	42.0	12.76	12.95	13.02
Rubber & misc. plastics products	35.4	34.7	30.9	0.7	4.5	340.23	338.66	295.68	41.9	41.2	38.6	8.12	8.22	7.66
Leather & leather products	13.4	13.3	13.8	0.1	-0.4	190.82	190.99	173.58	35.6	35.9	33.0	5.36	5.32	5.26
TOTAL NONMANUFACTURING INDUSTRIES	3391.5	3390.1	3318.1	1.4	73.4									
Mining	38.8	39.4	35.8	-0.6	3.0									
Contract Construction	142.5	144.3	137.7	-1.8	4.8									
Transportation	139.7	137.8	131.4	1.9	8.3									
Public Utilities	103.1	105.2	105.4	-2.1	-2.3									
Communications	52.8	54.8	55.0	-2.0	-2.2									
Electric, gas and sanitary service	50.3	50.4	50.4	-0.1	-0.1									
Wholesale trade	239.5	239.7	234.6	-0.2	4.9									
Retail trade	747.4	763.1	713.1	-15.7	34.3									
General merchandise stores	119.4	125.4	113.1	-6.0	6.3									
Finance, insurance & real estate	244.4	245.1	237.3	-0.7	7.1									
Banking	81.6	82.1	80.5	-0.5	1.1									
Insurance	70.5	70.3	68.6	0.2	1.9									
Services	1063.2	1056.3	1042.9	6.9	20.3									
Business services	146.7	146.4	141.0	0.3	5.7									
Health services	369.9	370.8	359.9	-0.9	10.0									
Hospitals	222.6	223.1	218.7	-0.5	3.9									
Educational service	136.1	127.5	139.8	8.6	-3.7									
Government	672.9	659.2	679.9	13.7	-7.0									
Federal	132.1	132.1	132.5	0.0	-0.4									
State & local	540.8	527.1	547.4	13.7	-6.6									
Persons in labor-management disputes	7.4	2.2	6.8	5.2	0.6									

FOOTNOTES

*Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

#Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment and Resident Data are benchmarked to first quarter 1983.

The Pennsylvania Employment and Earnings is published quarterly, April, July, October and January. A condensed report is published for all other months. If additional data are needed, telephone, 717 787-3129.

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS, TRENDS AND
TURNOVER RATES

DATA FOR MARCH 1984

JOB SERVICE

VOL. XXIX No. 3

Released May 1984

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

LABOR TURNOVER RATES

Labor Turnover rates for manufacturing industries are computed by dividing totals of each turnover item by the total employment in all establishments. These rates are multiplied by 100, rounded to one decimal place, and published as rates of turnover per 100 employees.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing, to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
FIRST QUARTER 1984

MARCH 1984 SEASONALLY ADJUSTED UNEMPLOYMENT DROPS 55,000 FROM FEBRUARY

Pennsylvania's seasonally adjusted unemployment fell to 478,000, in March, down 55,000 from the previous month. The seasonally adjusted unemployment rate of 8.9 percent was 0.9 percentage point below the February rate of 9.8 percent and 4.3 percentage points below March 1983. The March rate was the second lowest since September 1981 when the rate was 8.8 percent. The seasonally adjusted employment in March remained essentially unchanged, 4,887,000 compared to 4,888,000 in February. However, the employment total was 197,000 above March 1983, reflecting a year long improvement in Pennsylvania's economy.

Seasonal adjustment filters out monthly fluctuations that regularly occur throughout the year because of seasonal influences, such as the increase in employment resulting from the holiday shopping season.

Nationally, the March seasonally adjusted unemployment rate, which is used by the medis, was 7.8 percent, the same as in February, but down from 10.3 percent in March 1983. The unadjusted unemployment rate was 8.1 percent for U.S.and 9.6 percent for Pennsylvania, both a dramatic decline from the March 1983 figures of 10.8 percent and 13.9 percent, respectively.

NONFARM EMPLOYMENT INCREASES 32,000 OVER FEBRUARY

Nonfarm payroll employment in March, as estimated from the monthly survey of nonagricultural establishments, increased by 32,000 over February and 106,700 over March 1983. Total employment for the month was 4,538,800. Nonmanufacturing employment gained 26,300 jobs to an employment level of 3,419,800. Manufacturing industries also exhibited a growth of 5,700 jobs during the month bringing total employment to 1,119,000. Durable goods industries reported an increase of 5,000 jobs.

NONMANUFACTURING Employment in nonmanufacturing, which accounted for 82 percent of the gain in jobs during March, rose mainly on the strength of an increase of 12,100 workers in the services industries. All major nonmanufacturing industry categories experienced increases in employment over February. Other industries with employment gains were wholesale and retail trade, 4,000; transportation and public utilities, 3,600; government, 3,500; and contract construction, 1,700.

The first quarter ending employment for 1984 was 64,500 above the March 1983 figure of 3,355,300 but 61,300 below the year-ending fourth quarter 1983 figure, 3,481,100.

MANUFACTURING Total employment in the manufacturing industries increased by 5,700 jobs during March, continuing a string of monthly increases that began in August 1983. January was the only month when an increase did not occur during this time period. Durable goods industries gained 5,000 jobs, bringing the employment total for March to 644,600, the highest number employed since September 1982 when 660,700 were working. Manufacturing industries reporting significant increases in employment over March 1983 were primary metal industries, 130,200 up from 119,800 or an increase of 10,400; transportation equipment, 64,900 up from 58,100; electric and electronic equipment, 105,100 from 100,100; and machinery, except electrical, 111,100 from 109,100.

Nondurable goods industries ended the first quarter with 474,400 employed, 8,900 above March 1983 and 700 more than the previous month. Rubber and miscellaneous plastics products gained 4,500 jobs during the past year as the number of workers rose from 31,100 to 35,600. Printing and publishing industries employment - 73,900 - gained 2,300 jobs over March 1983 and 1,000 above February 1984.

AVERAGE WEEKLY HOURS AND EARNINGS

The average workweek of factory production workers was 40.1 hours in March, the same as reported in February. Earnings were essentially unchanged as the hourly rate went from $9.30 down to $9.29 and the weekly paycheck from $372.93 to $372.53. Durable goods industries workers averaged $425.18 per week for a 41.4 hour work week. Nondurable goods industries employes earned $302.19 per week for an average work week of 38.3 hours. Over the year, weekly earnings rose $29.43; weekly hours worked increased 1.2 hours; and average hourly earnings went up 47 cents.

ALL MAJOR LABOR MARKET AREAS DECREASE IN QUARTERLY AVERAGE SEASONAL ADJUSTED UNEMPLOYMENT RATES FOR THE FOURTH CONSECUTIVE QUARTER

All major labor market areas' seasonally adjusted unemployment for first quarter 1984 decreased over the year-ending fourth quarter of 1983. The decreases are similar to the reductions that occurred in the first quarter 1983 and are the fourth consecutive quarter for which a decrease occurred. Lancaster and Reading labor market areas recorded the biggest decrease in their unemployment rate, since the first quarter 1983, down from 8.2 percent to 4.7 percent, and 12.0 percent to 8.0 percent, respectively. Northeast Pennsylvania labor market area recorded the smallest decrease, 13.8 percent down to 10.5 percent. Lancaster and Harrisburg recorded the lowest adjusted unemployment rates for the quarter with 4.7 percent and 5.8 percent, respectively. Johnstown and Sharon recorded the highest rates 14.4 percent and 13.4 percent, respectively. The table below presents seasonally adjusted quarterly unemployment rates for major labor market areas for first quarter of 1984 and the fourth and first quarters of 1983.

QUARTERLY AVERAGE ADJUSTED UNEMPLOYMENT BY LABOR MARKET AREAS:
NUMBER AND RATE, FIRST QUARTER, 1983, 1984 AND FOURTH QUARTER 1983

Area	First Quarter-84		Fourth Quarter-83		First Quarter-83	
	Number	Rate*	Number	Rate*	Number	Rate*
ALLENTOWN-BETHLEHEM-EASTON	24,900	8.2	30,500	10.4	42,900	13.4
ALTOONA	6,700	12.1	7,400	13.2	9,700	17.3
ERIE	13,200	10.8	15,800	12.5	20,900	16.8
HARRISBURG	13,700	5.8	14,500	6.0	19,700	8.4
JOHNSTOWN	14,400	14.4	16,300	15.8	24,600	23.1
LANCASTER	8,800	4.7	10,400	5.5	15,000	8.2
NORTHEAST PA	30,300	10.5	33,600	11.4	39,000	13.8
PHILADELPHIA	151,700	6.8	171,900	7.7	202,800	9.2
PITTSBURGH	113,800	11.4	128,300	12.5	161,900	15.8
READING	10,900	6.8	12,500	7.7	18,800	12.0
SHARON	6,800	13.4	7,600	14.6	11,400	20.9
STATE COLLEGE	4,100	8.0	5,000	9.5	6,200	12.0
WILLIAMSPORT	6,100	11.6	6,900	13.0	8,000	15.5
YORK	15,500	8.7	17,800	9.7	24,300	13.5

*Rate expressed as percent of civilian labor force.

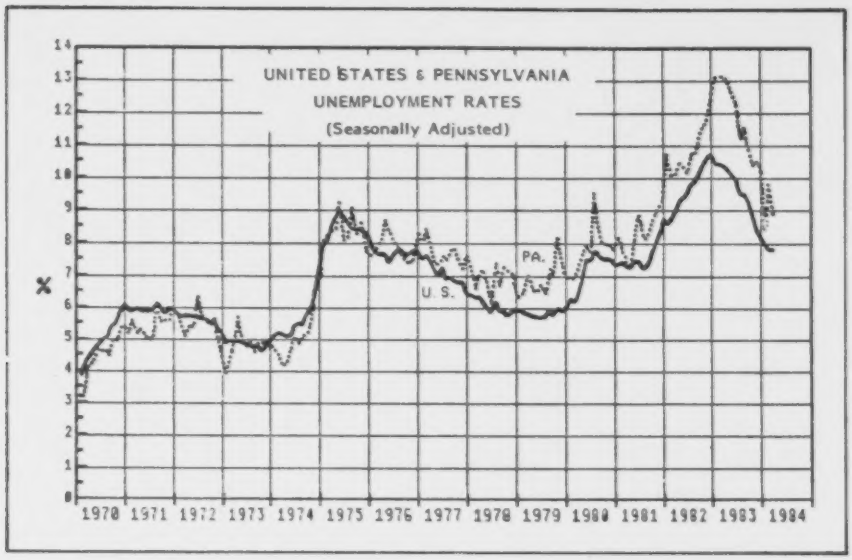

Table I. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

Year	PENNSYLVANIA Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	UNITED STATES Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1982	5,487	4,888	599	10.9		110,204	99,526	10,678	9.7	
1983	5,510	4,859	651	11.8		111,550	100,834	10,717	9.6	
1984 Jan.	5,383	4,841	542	10.1		111,025	101,270	9,755	8.8	8.0
Feb.	5,344	4,758	586	11.0		111,368	101,961	9,407	8.4	7.8
Mar.	5,278	4,772	506	9.6		111,828	102,770	9,057	8.1	7.8
1983										
1st Qtr.	5,373	4,605	768	14.3	13.1	109,766	97,507	12,259	11.2	10.5
2nd Qtr.	5,470	4,777	692	12.7	12.6	111,189	100,065	11,123	10.0	10.1
3rd Qtr.	5,626	5,033	594	10.6	11.2	113,252	102,935	10,316	9.1	9.3
4th Qtr.	5,570	5,022	548	9.8	10.4	111,995	102,827	9,168	8.2	8.5
1984										
1st Qtr.	5,336	4,791	545	10.2	9.0	111,406	102,000	9,406	8.4	7.9

On all tables the most recent month's data are preliminary. They are subject to revision.

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Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	Feb. 1984	Dec. 1983	March 1983
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4538.8	4506.8	4497.4	4596.5	4432.1	32.0	-57.7	106.7
LABOR-MANAGEMENT DISPUTES	6.7	7.4	2.2	2.6	4.3	-0.7	4.1	2.4
TOTAL MANUFACTURING INDUSTRIES	1119.0	1113.3	1107.3	1115.4	1076.8	7.7	3.6	42.2
TOTAL DURABLE GOODS	644.6	639.6	635.6	638.5	611.3	5.0	6.1	33.3
Lumber & wood products	20.6	19.7	19.8	20.1	17.9	0.9	0.5	2.7
Millwork, plywood & structural	6.8	6.6	6.8	6.8	5.6	0.2	0.0	1.2
Other lumber & wood prod.	13.8	13.1	13.0	13.3	12.3	0.7	0.5	1.5
Furniture & fixtures	19.8	19.8	19.9	20.0	17.7	0.0	-0.2	2.1
Household furniture	8.5	8.5	8.4	8.4	7.9	0.0	0.1	0.6
Office furniture	6.0	5.9	6.0	5.9	4.9	0.1	0.1	1.1
Other furniture & fixtures	5.3	5.4	5.5	5.7	4.9	-0.1	-0.4	0.4
Stone, clay & glass products	48.3	47.6	47.3	48.9	46.1	0.7	-0.6	2.2
Glass & glassware, pressed or blown	13.1	13.1	12.5	12.7	12.7	0.0	0.4	0.4
Glass containers	6.4	6.4	6.0	6.3	6.5	0.0	0.1	-0.1
Other pressed or blown glass	6.7	6.7	6.5	6.4	6.2	0.0	0.3	0.5
Hydraulic cement	1.9	1.8	1.9	1.9	1.8	0.1	0.0	0.1
Structural clay products	4.3	4.1	4.2	4.3	3.9	0.2	0.0	0.4
Pottery & related products	4.5	4.5	4.5	4.4	3.7	0.0	0.1	0.8
Concrete, gypsum & plaster prod.	6.5	6.2	6.2	6.9	6.0	0.3	-0.4	0.5
Other stone, clay & glass prod.	18.0	17.9	18.0	18.7	18.0	0.1	-0.7	0.0
Primary metal industries	130.2	129.3	127.5	128.3	119.8	0.9	1.9	10.4
Blast furnace & basic steel prod.	90.6	89.5	88.3	89.4	82.6	1.1	1.2	8.0
Blast furnaces & steel mills	82.9	81.9	80.8	81.7	75.2	1.0	1.2	7.7
Other basic steel products	7.7	7.6	7.5	7.7	7.4	0.1	0.0	0.3
Iron & steel foundries	12.2	12.3	11.9	11.8	11.7	-0.1	0.4	0.5
Nonferrous rolling & drawing	13.3	13.4	13.4	13.4	12.7	-0.1	-0.1	0.6
Nonferrous foundries	6.4	6.4	6.3	6.3	5.9	0.0	0.1	0.5
Other primary metal products	7.7	7.7	7.6	7.4	6.9	0.0	0.3	0.8
Fabricated metal products	87.4	87.7	87.8	88.2	86.4	-0.3	-0.8	1.0
Metal cans & shipping containers	3.0	3.1	3.1	3.2	3.1	-0.1	-0.2	-0.1
Cutlery, hand tools & hardware	5.1	5.0	4.8	4.7	4.9	0.1	0.4	0.2
Plumbing & heating exc. electrical	2.2	2.2	2.2	2.2	2.3	0.0	0.0	-0.1
Fabricated structural metal prod.	27.4	27.5	27.6	28.0	28.0	-0.1	-0.6	-0.6
Fabricated structural metal	4.8	4.9	5.1	5.4	5.3	-0.1	-0.6	-0.5
Fabricated plate work (boiler shops)	7.5	7.6	7.4	7.1	7.7	-0.1	0.4	-0.2
Other fabricated struct. metal prod.	15.1	15.0	15.1	15.5	15.0	0.1	-0.4	0.1
Screw machine products, bolts, etc.	6.7	6.7	6.7	6.7	6.6	0.0	0.0	0.1
Metal forgings & stampings	16.6	16.6	16.4	16.7	15.4	0.0	-0.1	1.2
Iron & steel forgings	3.8	3.7	3.7	3.7	3.7	0.1	0.1	0.1
Other metal forgings & stampings	12.8	12.9	12.7	13.0	11.7	-0.1	-0.2	1.1
Metal services & ordnance, n.e.c.	7.4	7.5	7.8	7.8	8.0	-0.1	-0.4	-0.6
Misc. fabricated metal products	19.0	19.1	19.2	18.9	18.1	-0.1	0.1	0.9
Valves & pipe fittings	7.5	7.5	7.6	7.5	7.3	0.0	0.0	0.2
Other misc. fabricated metal prod.	11.5	11.6	11.6	11.4	10.8	-0.1	0.1	0.7
Machinery, exc. electrical	111.1	110.2	110.5	109.7	109.1	0.9	1.4	2.0
Engines & turbines	6.1	6.2	6.4	6.8	7.9	-0.1	-0.7	-1.8
Farm & garden machinery	3.3	3.3	3.3	3.3	3.0	0.0	0.0	0.3
Construction & related mach.	16.8	16.1	15.9	15.5	14.8	0.7	1.3	2.0
Construction machinery	5.5	5.4	5.3	5.3	3.5	0.1	0.2	2.0
Conveyors & conveying equip.	2.6	2.6	2.6	2.7	2.7	0.0	-0.1	-0.1
Other construction & related mach.	8.7	8.1	8.0	7.5	8.6	0.6	1.2	0.1
Metal working machinery	17.2	17.1	17.3	17.2	16.9	0.1	0.0	0.3
Special industry machinery	9.6	9.6	9.7	9.6	9.6	0.0	0.0	0.0

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	Feb. 1984	Dec. 1983	March 1983
General industrial machinery	22.7	22.5	22.6	22.9	23.4	0.2	-0.2	-0.7
Pumps & pumping equipment	3.4	3.4	3.4	3.4	3.9	0.0	0.0	-0.5
Ball & roller bearings	3.4	3.4	3.3	3.3	3.2	0.0	0.1	0.2
Air & gas compressors	3.5	3.5	3.6	3.8	4.0	0.0	-0.3	-0.5
Industrial furnaces & ovens	2.2	2.1	2.2	2.3	2.3	0.1	-0.1	-0.1
Other general industrial mach.	10.2	10.1	10.1	10.1	10.0	0.1	0.1	0.2
Office and computing machines	13.1	13.1	13.0	12.6	12.1	0.0	0.5	1.0
Refrigeration & service ind. mach.	9.0	9.0	9.2	9.1	9.4	0.0	-0.1	-0.4
Misc. machinery, exc. electrical	13.3	13.3	13.1	12.7	12.0	0.0	0.4	1.1
Electric & electronic equipment	105.1	104.0	103.5	103.7	100.1	1.1	1.4	5.0
Electric distributing equip.	11.2	11.2	11.3	11.7	13.5	0.0	-0.5	-2.3
Transformers	3.9	3.9	3.9	4.1	4.7	0.0	-0.2	-0.8
Switchgear & switchboard apparatus	7.3	7.3	7.4	7.6	8.8	0.0	-0.3	-1.5
Electrical industrial apparatus	15.2	15.1	15.0	15.1	14.7	0.1	0.1	0.5
Household appliances	3.7	3.6	3.6	3.5	3.7	0.1	0.2	0.0
Electric lighting & wiring equip.	20.2	19.7	19.6	19.4	19.3	0.5	0.8	0.9
Current-carrying wiring devices	11.8	11.5	11.4	11.2	11.1	0.3	0.6	0.7
Other electric light & wiring equip.	8.4	8.2	8.2	8.2	8.2	0.2	0.2	0.2
Communication equipment	10.0	10.1	10.1	10.3	10.5	-0.1	-0.3	-0.5
Electronic components & accessories	35.7	35.0	34.5	34.0	29.9	0.7	1.7	5.8
Semiconductors & related devices	15.5	15.0	14.6	14.0	11.6	0.5	1.5	3.9
Other electronic components & access.	20.2	20.0	19.9	20.0	18.3	0.2	0.2	1.9
Other electrical equip. & supplies	9.1	9.3	9.4	9.7	8.5	-0.2	-0.6	0.6
Transportation equipment	64.9	64.5	62.9	62.9	58.1	0.4	2.0	6.8
Motor vehicles & equipment	28.3	27.8	27.1	26.7	22.3	0.5	1.6	6.0
Motor vehicle parts & access.	12.6	12.5	12.4	12.2	10.2	0.1	0.4	2.4
Other motor vehicles & equip.	15.7	15.3	14.7	14.5	12.1	0.4	1.2	3.6
Aircraft & parts	10.1	10.3	10.3	10.4	10.8	-0.2	-0.3	-0.7
Ship & boat building & repairing	2.7	2.8	2.7	2.8	2.3	-0.1	-0.1	0.4
Railroad equipment	11.2	11.1	10.5	10.6	10.8	0.1	0.6	0.4
Other transportation equipment	12.6	12.5	12.3	12.4	11.9	0.1	0.2	0.7
Instruments & related products	36.3	36.3	36.3	36.3	36.2	0.0	0.0	0.1
Measuring & controlling devices	17.4	17.4	17.5	17.6	18.0	0.0	-0.2	-0.6
Medical instruments & supplies	11.4	11.3	11.2	11.1	10.9	0.1	0.3	0.5
Other instruments & related prod.	7.5	7.6	7.6	7.6	7.3	-0.1	-0.1	0.2
Miscellaneous manufacturing industries	20.9	20.5	20.1	20.4	19.9	0.4	0.5	1.0
TOTAL NONDURABLE GOODS	474.4	473.7	471.7	476.9	465.5	0.7	-2.5	8.9
Food & kindred products	87.8	87.8	89.0	92.0	88.2	0.0	-4.2	-0.4
Meat products	12.9	12.8	13.5	14.0	13.4	0.1	-1.1	-0.5
Meat packing plants	3.7	3.7	4.1	4.2	3.9	0.0	-0.5	-0.2
Sausages & other prepared meats	4.6	4.6	4.7	5.1	5.0	0.0	-0.5	-0.4
Poultry dressing & processing	4.6	4.5	4.7	4.7	4.5	0.1	-0.1	0.1
Dairy products	10.6	10.5	10.6	10.7	10.2	0.1	-0.1	0.4
Fluid milk	5.7	5.7	5.7	5.7	5.5	0.0	0.0	0.2
Other dairy products	4.9	4.8	4.9	5.0	4.7	0.1	-0.1	0.2
Preserved fruits & vegetables	10.5	10.4	10.4	11.7	10.2	0.1	-1.2	0.3
Canned fruits & vegetables	3.3	3.4	3.3	4.2	3.6	-0.1	-0.9	-0.3
Other preserved fruits & vegetables	7.2	7.0	7.1	7.5	6.6	0.2	-0.3	0.6
Grain mill products	5.3	5.3	5.2	5.2	5.2	0.0	0.1	0.1
Bakery products	16.8	17.0	17.4	17.7	17.5	-0.2	-0.9	-0.7
Bread, cake & related prod.	12.7	12.7	12.9	13.3	13.2	0.0	-0.6	-0.5
Cookies & crackers	4.1	4.3	4.5	4.4	4.3	-0.2	-0.3	-0.2
Sugar & confectionery prod.	13.0	13.4	13.8	14.1	13.6	-0.4	-1.1	-0.6
Beverages	8.9	8.6	8.4	9.1	8.9	0.3	-0.2	0.0
Other Food and Kindred Products	9.8	9.8	9.7	9.5	9.2	0.0	0.3	0.6

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	Feb. 1984	Dec. 1983	March 1983
Tobacco manufacturers	2.1	2.2	2.2	2.3	2.2	-0.1	-0.2	-0.1
Textile mill products	36.2	35.8	36.3	37.1	34.6	0.4	-0.9	1.6
Weaving mills, synthetics	4.2	4.1	4.1	4.2	4.0	0.1	0.0	0.2
Knitting mills	17.9	17.5	17.9	18.4	17.3	0.4	-0.5	0.6
Knit outerwear mills	9.2	9.0	9.2	9.5	9.0	0.2	-0.3	0.2
Knit underwear mills	4.7	4.5	4.8	4.9	4.3	0.2	-0.2	0.4
Other knitting mills	4.0	4.0	3.9	4.0	4.0	0.0	0.0	0.0
Floor covering mills	2.9	2.9	2.9	2.9	2.7	0.0	0.0	0.2
Yarn & thread mills	2.7	2.7	2.8	2.9	2.7	0.0	-0.2	0.0
Other textile mill prod.	8.5	8.6	8.6	8.7	7.9	-0.1	-0.2	0.6
Apparel & other textile products	113.3	114.1	111.3	111.6	111.8	-0.8	1.7	1.5
Men's & boys' suits & coats	14.5	14.5	14.3	14.5	14.4	0.0	0.0	0.1
Men's & boys' furnishings	17.1	17.1	17.0	16.9	16.8	0.0	0.2	0.3
Men's & boys' shirts & nightwear	6.6	6.7	6.7	6.6	6.6	-0.1	0.0	0.0
Men's & boys' separate trousers	3.7	3.7	3.7	3.7	3.5	0.0	0.0	0.2
Other furnishings & work clothing	6.8	6.7	6.6	6.6	6.7	0.1	0.2	0.1
Women's & misses' outerwear	51.5	52.4	50.9	50.7	53.4	-0.9	0.8	-1.9
Women's & children's undergarments	10.8	10.9	10.6	10.5	9.7	-0.1	0.3	1.1
Children's outerwear	7.3	7.3	7.3	7.4	6.8	0.0	-0.1	0.5
Other apparel & textile prod.	12.1	11.9	11.2	11.6	10.7	0.2	0.5	1.4
Paper & allied products	41.0	41.0	41.0	41.2	39.9	0.0	-0.2	1.1
Paper mills exc. building paper	11.0	11.0	11.0	11.0	10.8	0.0	0.0	0.2
Paper board containers & boxes	13.4	13.4	13.4	13.4	12.9	0.0	0.0	0.5
Corrugated & solid fiber boxes	7.0	7.0	6.9	6.8	6.7	0.0	0.2	0.3
Other paperboard containers	6.4	6.4	6.5	6.6	6.2	0.0	-0.2	0.2
Other paper & allied products	16.6	16.6	16.6	16.8	16.2	0.0	-0.2	0.4
Printing & publishing	73.9	72.9	72.8	73.0	71.6	1.0	0.9	2.3
Newspapers	22.5	22.4	22.5	22.5	21.6	0.1	0.0	0.9
Books	4.8	4.6	4.5	4.4	4.8	0.2	0.4	0.0
Commercial printing	24.8	24.3	24.3	24.8	23.8	0.5	0.0	1.0
Manifold business forms	5.0	4.9	5.0	4.7	4.7	0.1	0.3	0.3
Other printing & publishing	16.8	16.7	16.5	16.6	16.7	0.1	0.2	0.1
Chemicals & allied products	57.8	57.6	57.4	57.3	57.6	0.2	0.5	0.2
Industrial inorganic chemicals	9.4	9.3	9.2	9.2	9.3	0.1	0.2	0.1
Plastic materials & synthetics	8.1	8.0	8.1	8.1	7.8	0.1	0.0	0.3
Drugs	19.1	19.2	19.0	19.0	19.1	-0.1	0.1	0.0
Soap, cleaners & toilet goods	3.1	3.2	3.2	3.2	3.2	-0.1	-0.1	-0.1
Paints & allied products	3.9	3.8	3.8	3.8	3.7	0.1	0.1	0.2
Other chemicals & allied prod.	14.2	14.1	14.1	14.0	14.5	0.1	0.2	-0.3
Petroleum & coal products	13.6	13.4	13.7	13.7	15.1	0.2	-0.1	-1.5
Petroleum refining	10.5	10.3	10.7	10.6	12.4	0.2	-0.1	-1.9
Other petroleum & coal prod.	3.1	3.1	3.0	3.1	2.7	0.0	0.0	0.4
Rubber & misc. plastics products	35.6	35.5	34.7	34.9	31.1	0.1	0.7	4.5
Tires & inner tubes	2.9	2.9	2.8	2.8	2.4	0.0	0.1	0.5
Fabricated rubber prod., n.e.c.	3.9	3.9	3.9	4.0	3.7	0.0	-0.1	0.2
Other rubber & plastic prod., n.e.c.	28.8	28.7	28.0	28.1	25.0	0.1	0.7	3.8
Leather & leather products	13.1	13.4	13.3	13.8	13.4	-0.3	-0.7	-0.3
Footwear, exc. rubber	10.2	10.3	10.5	10.5	10.3	-0.1	-0.3	-0.1
Men's footwear, exc. athletic	4.7	4.7	4.9	4.9	4.7	0.0	-0.2	0.0
Women's footwear, exc. athletic	2.4	2.5	2.5	2.4	2.4	-0.1	0.0	0.0
Other footwear	3.1	3.1	3.1	3.2	3.2	0.0	-0.1	-0.1
Other leather & leather prod.	2.9	3.1	2.8	3.3	3.1	-0.2	-0.4	-0.2

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	Feb. 1984	Dec. 1983	March 1983
TOTAL NONMANUFACTURING INDUSTRIES	3419.8	3393.5	3390.1	3481.1	3355.3	26.3	-61.3	64.5
Mining	38.9	38.7	39.4	39.9	37.9	0.2	-1.0	1.0
Anthracite	2.7	2.7	2.7	2.7	2.9	0.0	0.0	-0.2
Bituminous	27.8	27.4	28.1	28.2	26.6	0.4	-0.4	1.2
Nonmetallic minerals	3.7	3.5	3.5	4.0	3.5	0.2	-0.3	0.2
Contract Construction	144.0	142.3	144.3	162.2	143.4	1.7	-18.2	0.6
General building	35.8	36.2	36.9	41.7	35.6	-0.4	-5.9	0.2
Heavy construction	29.8	27.7	28.3	33.8	31.0	2.1	-4.0	-1.2
Special trades	78.4	78.4	79.1	86.7	76.8	0.0	-8.3	1.6
Transportation	141.7	138.6	137.8	141.8	132.8	3.1	-0.1	8.9
Railroads	24.6	24.5	24.8	25.9	24.9	0.1	-1.3	-0.3
Public Utilities	103.8	103.3	105.2	105.3	104.7	0.5	-1.5	-0.9
Communications	53.6	53.1	54.8	54.9	55.0	0.5	-1.3	-1.4
Electric, gas & sanitary service	50.2	50.2	50.4	50.4	49.7	0.0	-0.2	0.5
Electric systems	25.7	25.7	25.8	25.8	25.7	0.0	-0.1	0.0
Gas production	8.8	8.8	8.8	8.8	8.4	0.0	0.0	0.4
Wholesale trade	240.8	239.7	239.7	242.5	235.8	1.1	-1.7	5.0
Retail trade	750.2	747.3	763.1	793.5	720.9	2.9	-43.3	29.3
General merchandise stores	119.4	119.4	125.4	133.4	113.4	0.0	-14.0	6.0
Department stores	106.8	106.9	112.9	119.6	101.2	-0.1	-12.8	5.6
Finance, insurance & real estate	245.9	244.7	245.1	243.7	238.7	1.2	2.2	7.2
Banking	82.1	82.0	82.1	81.4	80.7	0.1	0.7	1.4
Commercial & stock savings	75.6	75.5	75.6	74.9	74.3	0.1	0.7	1.3
Credit agencies & securities	34.3	34.1	34.1	33.4	32.2	0.2	0.9	2.1
Insurance	71.0	70.3	70.3	69.9	68.8	0.7	1.1	2.2
Life insurance	26.6	26.2	26.1	26.1	25.6	0.4	0.5	1.0
Fire, marine & casualty	28.5	28.3	28.6	28.3	28.2	0.2	0.2	0.3
Services	1077.5	1065.4	1056.3	1079.4	1055.9	12.1	-1.9	21.6
Business services	149.9	146.7	146.4	151.6	144.1	3.2	-1.7	5.8
Health services	372.6	371.4	370.8	370.8	362.0	1.2	1.8	10.6
Nursing & personal care	56.7	56.5	56.6	56.6	56.0	0.2	0.1	0.7
Hospitals	224.3	224.0	223.1	223.4	219.4	0.3	0.9	4.9
Educational service	138.2	135.9	127.5	137.4	141.7	2.3	0.8	-3.5
Miscellaneous services	48.9	49.0	49.0	48.4	48.6	-0.1	0.5	0.3
Engineering & architectural	29.7	29.6	29.7	29.8	30.0	0.1	-0.1	-0.3
Government	677.0	673.5	659.2	672.8	685.2	3.5	4.2	-8.2
Federal	132.6	132.8	132.1	132.5	133.1	-0.2	0.1	-0.5
State & local	544.4	540.7	527.1	540.3	552.1	3.7	4.1	-7.7

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	ANNUAL AVERAGE 1983	1982	1981
All Manufacturing	83.3	82.9	82.5	83.1	80.3	81.5	87.2	96.8
Primary Metals	65.2	64.7	63.8	64.2	59.3	61.4	71.7	92.1
Apparel	84.5	85.1	83.0	83.2	82.1	83.4	85.4	91.5
All Nonmanufacturing	106.0	105.2	105.1	107.9	103.0	106.2	105.7	106.3
Construction	78.3	77.3	78.4	88.1	75.8	90.3	91.4	98.2
Retail Trade	104.6	104.1	106.3	110.6	98.4	105.1	102.9	103.6
Services	124.9	123.5	122.4	125.1	121.5	124.1	121.2	117.3
Government	95.2	94.7	92.7	94.6	95.9	94.5	96.0	98.9

TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76
1983	350.84	39.2	8.95	317.4	298.4	117.57	233.27

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983
Manufacturing	772.1	766.9	760.1	769.2	725.4	30,949.0	30,781.1	30,326.9	30,941.1	28,181.3	287,612.9	286,329.3	280,341.5	285,743.9	248,646.9
Durable Goods	439.5	434.0	428.9	431.9	399.0	18,209.0	18,025.4	17,725.9	17,930.6	15,891.1	187,071.5	186,317.8	180,817.1	183,334.4	155,362.8
Nondur. Goods	332.7	332.8	331.2	337.3	326.4	12,739.9	12,755.7	12,601.0	13,010.5	12,290.1	100,541.3	100,011.6	99,524.4	102,409.5	93,284.2

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Persons involved in labor management disputes are not included.

All Data are benchmarked to first quarter 1983.

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983
TOTAL MANUFACTURING INDUSTRIES	$372.53	$372.93	$368.68	$371.45	$343.10	40.1	40.1	39.9	40.2	38.9	$9.29	$9.30	$9.24	$9.24	$8.82
TOTAL DURABLE GOODS	425.18	429.11	421.26	424.13	389.24	41.4	41.5	41.3	41.5	39.8	10.27	10.34	10.20	10.22	9.78
Lumber & wood products	292.94	284.89	295.73	286.40	284.40	40.8	39.9	40.4	40.0	39.5	7.18	7.14	7.32	7.16	7.20
Millwork, plywood & structural	320.61	295.02	329.38	323.01	288.21	41.8	39.6	42.5	41.2	39.0	7.67	7.45	7.75	7.84	7.39
Other lumber & wood prod.	280.78	279.60	278.24	267.13	282.66	40.4	40.0	39.3	39.4	39.7	6.95	6.99	7.08	6.78	7.12
Furniture & fixtures	304.04	299.02	301.32	312.29	278.89	39.9	39.5	39.7	40.4	38.1	7.62	7.57	7.59	7.73	7.32
Household furniture	265.99	265.32	267.85	268.03	255.56	39.7	39.6	39.8	39.3	38.2	6.70	6.70	6.73	6.82	6.69
Office furniture	322.79	319.20	330.48	350.14	303.36	39.9	39.9	40.7	42.7	39.5	8.09	8.00	8.12	8.20	7.68
Other furniture & fixtures	355.12	337.56	327.47	345.31	297.11	40.4	38.8	38.3	39.6	36.5	8.79	8.70	8.55	8.72	8.14
Stone, clay & glass products	395.09	396.73	392.04	397.29	374.00	40.9	40.9	40.5	41.0	40.0	9.66	9.70	9.68	9.69	9.35
Glass & glassware, pressed or blown	418.55	422.50	408.80	419.38	395.69	41.4	41.3	40.0	41.4	40.5	10.11	10.23	10.22	10.13	9.77
Glass containers	432.31	436.65	443.69	450.49	410.80	40.9	41.0	41.7	42.7	39.5	10.57	10.65	10.64	10.55	10.40
Other pressed or blown glass	405.59	409.34	374.57	391.72	380.30	41.9	41.6	38.3	40.3	41.7	9.68	9.84	9.78	9.72	9.12
Hydraulic cement	516.03	542.52	540.97	509.34	553.63	40.6	41.7	42.9	39.0	43.8	12.71	13.01	12.61	13.06	12.64
Structural clay products	336.96	332.48	325.44	331.70	300.17	40.5	40.3	39.4	40.5	37.9	8.32	8.25	8.26	8.19	7.92
Pottery & related products	353.34	341.24	350.88	376.61	368.05	39.0	38.0	38.9	42.7	41.4	9.06	8.98	9.02	8.82	8.89
Concrete, gypsum & plaster prod.	344.16	345.87	347.21	348.02	311.28	40.3	40.5	40.8	40.8	38.1	8.54	8.54	8.51	8.53	8.17
Other stone, clay & glass prod.	411.52	413.25	412.93	408.85	380.15	41.4	41.7	41.5	40.4	40.1	9.94	9.91	9.95	10.12	9.48
Primary metal industries	496.54	502.65	492.13	488.87	453.53	40.6	41.1	41.6	41.5	38.5	12.23	12.23	11.83	11.78	11.78
Blast furnace & basic steel prod.	528.28	540.19	527.07	525.37	489.29	39.9	40.8	41.6	41.4	37.9	13.24	13.24	12.67	12.69	12.91
Blast furnaces & steel mills	535.71	547.82	533.28	531.12	496.66	39.8	40.7	41.5	41.3	38.0	13.46	13.46	12.85	12.86	13.07
Other basic steel products	470.46	455.10	463.72	463.43	424.10	43.4	41.6	42.7	42.4	37.3	10.84	10.94	10.86	10.93	11.37
Iron & steel foundries	375.17	386.51	363.13	361.30	355.09	39.7	40.9	39.6	40.1	38.1	9.45	9.45	9.17	9.01	9.32
Nonferrous rolling & drawing	470.20	467.85	448.49	461.44	400.34	44.4	44.6	43.0	44.8	41.4	10.59	10.49	10.43	10.30	9.67
Nonferrous foundries	379.20	382.17	393.86	369.32	349.18	40.0	40.7	41.9	40.1	39.5	9.48	9.39	9.40	9.21	8.84
Other primary metal products	434.47	428.70	439.07	412.00	388.33	42.1	41.5	42.3	41.7	41.4	10.32	10.33	10.38	9.88	9.38
Fabricated metal products	406.71	409.64	406.16	422.17	376.12	41.8	41.8	41.7	42.6	40.4	9.73	9.80	9.74	9.91	9.31
Metal cans & shipping containers	465.30	473.89	461.77	456.59	448.15	39.6	40.4	40.4	39.6	39.8	11.75	11.73	11.43	11.53	11.26
Cutlery, hand tools & hardware	323.11	326.30	327.16	305.37	290.58	40.9	41.2	41.1	38.9	38.9	7.90	7.92	7.96	7.85	7.47
Plumbing & heating exc. electrical	337.40	350.70	371.09	446.21	297.20	40.7	41.9	43.0	45.3	38.9	8.29	8.37	8.63	9.85	7.64
Fabricated structural metal prod.	358.58	367.11	359.16	370.64	342.47	40.2	40.7	40.4	41.0	39.5	8.92	9.02	8.89	9.04	8.67
Fabricated structural metal	379.32	382.70	383.60	383.26	363.40	40.7	40.8	42.2	41.3	39.5	9.32	9.38	9.09	9.28	9.20
Fabricated plate work (boiler shops)	432.13	442.19	422.84	442.38	383.36	42.2	42.6	41.7	40.4	39.4	10.24	10.38	10.14	10.95	9.73
Other fabricated struct. metal prod.	317.49	324.75	321.44	335.38	315.21	39.1	39.7	39.2	41.1	39.5	8.12	8.18	8.20	8.16	7.98
Screw machine products, bolts, etc.	403.85	397.00	390.58	409.81	353.05	42.6	42.1	41.2	42.6	38.5	9.48	9.43	9.48	9.62	9.17
Metal forgings & stampings	562.88	562.50	559.00	566.55	503.43	45.8	45.0	45.3	45.8	42.7	12.29	12.50	12.34	12.37	11.79
Iron & steel forgings	413.76	431.96	430.31	418.08	367.46	41.5	41.1	41.9	41.6	38.0	9.97	10.51	10.27	10.05	9.67
Other metal forgings & stampings	598.10	594.78	589.16	605.48	538.21	46.8	46.0	46.1	46.9	43.9	12.78	12.93	12.78	12.91	12.26
Metal services & ordnance, n.e.c.	322.78	325.19	338.15	336.17	327.92	39.8	39.9	40.4	40.6	41.3	8.11	8.15	8.37	8.28	7.94
Misc. fabricated metal products	378.31	377.98	376.07	402.48	355.52	41.3	41.4	41.1	43.7	40.4	9.16	9.13	9.15	9.21	8.80
Valves & pipe fittings	393.90	387.25	396.73	428.79	376.80	40.4	39.8	40.4	43.4	40.0	9.75	9.73	9.82	9.88	9.42
Other misc. fabricated metal prod.	369.14	372.27	363.13	388.08	342.29	41.9	42.4	41.5	43.9	40.7	8.81	8.78	8.75	8.84	8.41

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983
Machinery, exc. electrical	$437.57	$437.14	$425.79	$435.31	$392.98	42.4	42.4	41.5	42.1	40.1	$10.32	$10.31	$10.26	$10.34	$ 9.80
Engines & turbines	521.56	534.92	498.73	509.41	488.02	42.3	43.0	41.7	42.1	42.4	12.33	12.44	11.96	12.10	11.51
Farm & garden machinery	590.02	596.53	579.12	524.62	495.63	52.4	53.5	51.8	46.1	43.9	11.26	11.15	11.18	11.38	11.29
Construction & related mach.	443.10	435.77	423.94	434.09	362.74	42.2	41.7	41.0	41.5	39.3	10.50	10.45	10.34	10.46	9.23
Construction machinery	514.71	512.74	495.33	518.87	380.26	43.0	42.8	41.8	42.6	40.8	11.97	11.98	11.85	12.18	9.32
Conveyors & conveying equip.	398.31	371.90	382.44	439.80	354.03	42.6	40.6	41.3	45.2	40.6	9.35	9.16	9.26	9.73	8.72
Other construction & related mach.	399.78	389.91	379.76	371.87	358.75	41.6	41.0	40.4	39.9	38.7	9.61	9.51	9.40	9.32	9.27
Metal working machinery	469.80	464.88	461.75	463.09	394.13	45.0	44.7	44.7	44.4	40.3	10.44	10.40	10.33	10.43	9.78
Special industry machinery	426.43	427.55	405.72	440.23	379.86	42.9	43.1	41.4	44.2	41.2	9.94	9.92	9.80	9.96	9.22
General industrial machinery	410.87	416.97	409.25	416.90	374.58	40.6	41.0	40.6	41.4	39.1	10.12	10.17	10.08	10.07	9.58
Pumps & pumping equipment	457.60	440.90	438.19	401.57	406.30	41.6	40.9	40.8	38.1	39.6	11.00	10.78	10.74	10.54	10.26
Ball & roller bearings	428.48	421.07	427.46	457.10	401.14	41.6	41.0	41.3	42.8	41.1	10.30	10.27	10.35	10.68	9.76
Air & gas compressors	430.20	450.43	404.15	418.32	379.37	40.7	41.9	39.2	41.5	39.6	10.57	10.75	10.31	10.08	9.58
Industrial furnaces & ovens	380.42	396.58	409.34	402.55	373.58	39.3	40.8	42.2	41.5	39.7	9.68	9.72	9.70	9.70	9.41
Other general industrial mach.	387.77	401.06	392.52	404.91	347.05	40.1	40.8	40.3	41.7	37.6	9.67	9.83	9.74	9.71	9.23
Office and computing machines	489.81	484.38	489.22	485.93	479.16	41.9	41.4	41.6	42.7	41.2	11.69	11.70	11.76	11.38	11.63
Refrigeration & service ind. mach.	398.21	378.24	365.33	392.03	367.23	40.8	39.4	38.7	39.4	39.7	9.76	9.60	9.44	9.95	9.25
Misc. machinery, exc. electrical	365.49	375.23	356.85	362.48	358.29	40.7	41.6	39.0	39.9	39.2	8.98	9.02	9.15	9.21	9.14
Electric & electronic equipment	392.92	391.87	386.04	377.70	351.20	41.8	41.6	41.2	40.7	40.0	9.40	9.42	9.37	9.28	8.78
Electric distributing equip.	478.56	456.22	430.68	447.30	402.34	44.6	42.4	40.9	42.6	39.6	10.73	10.76	10.53	10.50	10.16
Transformers	485.21	471.24	451.58	488.85	407.18	46.7	44.0	44.1	47.6	40.8	10.39	10.71	10.24	10.27	9.98
Switchgear & switchboard apparatus	473.70	446.71	418.08	419.72	399.50	43.3	41.4	39.0	39.3	38.9	10.94	10.79	10.72	10.68	10.27
Electrical industrial apparatus	370.60	371.99	361.77	370.36	332.74	39.3	39.7	38.9	40.3	39.1	9.43	9.37	9.30	9.19	8.51
Household appliances	313.58	333.78	323.84	363.66	315.21	37.6	39.5	36.8	43.5	39.9	8.34	8.45	8.80	8.36	7.90
Electric lighting & wiring equip.	364.65	349.40	344.29	345.32	320.40	42.5	41.3	40.6	40.2	40.0	8.58	8.46	8.48	8.59	8.01
Current-carrying wiring devices	396.00	385.37	388.48	382.55	343.61	44.0	43.3	43.6	42.6	41.7	9.00	8.90	8.91	8.98	8.24
Other electric light & wiring equip.	334.97	315.20	304.34	308.45	299.14	41.1	39.4	37.9	37.8	38.4	8.15	8.00	8.03	8.16	7.79
Communication equipment	356.21	365.22	364.21	359.90	376.97	39.8	40.4	40.2	39.9	41.7	8.95	9.04	9.06	9.02	9.04
Electronic components & accessories	428.04	430.40	426.26	395.85	365.81	43.5	43.3	43.1	40.6	40.6	9.84	9.94	9.89	9.75	9.01
Semiconductors & related devices	536.54	548.23	536.49	500.60	479.95	44.6	44.9	43.3	40.6	42.7	12.03	12.21	12.39	12.33	11.24
Other electronic components & access.	350.14	347.73	350.92	333.33	328.02	42.7	42.2	42.9	40.6	40.1	8.20	8.24	8.18	8.21	8.18
Other electrical equip. & supplies	313.88	335.20	346.94	326.83	300.31	38.0	40.0	41.6	40.2	38.8	8.26	8.38	8.34	8.13	7.74
Transportation equipment	495.01	503.63	497.84	490.18	453.33	42.2	42.5	41.8	41.4	41.4	11.73	11.85	11.91	11.84	10.95
Motor vehicles & equipment	516.57	539.21	529.48	517.65	465.98	43.3	44.6	43.4	42.5	42.4	11.93	12.09	12.20	12.18	10.99
Motor vehicle parts & access.	506.63	553.10	559.12	559.73	453.18	43.6	45.9	46.4	46.8	42.0	11.62	12.05	12.05	11.96	10.79
Other motor vehicles & equip.	525.39	526.44	502.65	480.27	478.50	43.1	43.4	40.7	38.7	42.8	12.19	12.13	12.35	12.41	11.18
Aircraft & parts	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Ship & boat building & repairing	449.52	411.60	416.15	404.40	428.71	43.6	40.0	41.0	40.0	42.7	10.31	10.29	10.15	10.11	10.04
Railroad equipment	470.01	463.68	464.13	460.21	422.60	39.2	38.1	38.2	39.1	37.8	11.99	12.17	12.15	11.77	11.18
Other transportation equipment	434.66	436.35	432.63	450.91	399.78	42.2	42.2	41.4	42.7	41.6	10.30	10.34	10.45	10.56	9.61
Instruments & related products	372.78	378.29	369.08	390.15	351.04	41.1	41.8	41.1	42.5	39.8	9.07	9.05	8.98	9.18	8.82
Measuring & controlling devices	398.37	409.36	390.46	409.49	362.06	40.9	41.9	40.8	42.7	39.7	9.74	9.77	9.57	9.59	9.12
Medical instruments & supplies	336.20	335.69	335.38	381.00	330.19	41.0	41.7	41.0	43.1	38.8	8.20	8.05	8.18	8.84	8.51
Other instruments & related prod.	370.18	373.27	369.98	360.09	354.77	41.5	41.8	41.9	41.2	41.3	8.92	8.93	8.83	8.74	8.59
Miscellaneous manufacturing industries	356.15	350.17	356.07	375.46	318.79	41.9	41.1	41.5	40.9	39.7	8.50	8.52	8.58	9.18	8.03

INA - Information not available at this time.

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983
TOTAL NONDURABLE GOODS	$ 302.19	$ 300.27	$ 300.99	$ 303.78	$ 286.14	38.3	38.3	38.1	38.6	37.7	$7.89	$ 7.84	$ 7.90	$ 7.87	$ 7.59
Food & kindred products	346.63	341.44	344.65	347.77	326.82	39.3	38.8	38.9	39.7	39.0	8.82	8.80	8.86	8.76	8.38
Meat products	303.28	299.14	299.12	333.48	294.14	39.8	38.9	39.1	42.0	38.3	7.62	7.69	7.65	7.94	7.68
Meat packing plants	350.96	330.46	330.48	377.36	329.91	42.8	41.0	40.7	44.5	39.7	8.20	8.06	8.12	8.48	8.31
Sausages & other prepared meats	342.62	367.60	350.06	413.42	328.26	37.9	40.0	38.3	43.2	36.8	9.04	9.19	9.14	9.57	8.92
Poultry dressing & processing	234.74	222.40	233.86	225.61	233.47	38.8	36.4	38.4	38.5	38.4	6.05	6.11	6.09	5.86	6.08
Dairy products	325.16	326.81	314.82	318.38	333.68	40.9	40.8	39.6	40.2	41.4	7.95	8.01	7.95	7.92	8.06
Fluid milk	347.36	349.03	339.88	332.02	351.33	41.8	41.7	40.9	39.2	40.9	8.31	8.37	8.31	8.47	8.59
Other dairy products	323.87	310.37	295.68	308.73	318.44	41.1	40.1	38.6	41.0	41.9	7.88	7.74	7.66	7.53	7.60
Preserved fruits & vegetables	339.86	333.52	332.21	315.02	298.38	39.2	39.1	38.9	38.7	38.5	8.67	8.53	8.54	8.14	7.75
Canned fruits & vegetables	247.38	245.50	240.96	235.96	231.26	37.2	38.3	37.3	37.1	37.3	6.65	6.41	6.46	6.36	6.20
Other preserved fruits & vegetables	387.93	383.72	380.89	364.45	340.73	40.2	39.6	39.8	39.7	39.3	9.65	9.69	9.57	9.18	8.67
Grain mill products	427.84	401.66	453.18	449.40	395.81	40.4	38.4	41.5	42.0	39.7	10.59	10.46	10.92	10.70	9.97
Bakery products	349.68	339.48	347.80	356.28	321.10	37.6	36.7	37.0	38.6	37.6	9.30	9.25	9.40	9.23	8.54
Bread, cake & related prod.	350.25	340.55	352.08	350.25	329.87	37.5	36.5	37.1	37.3	37.4	9.34	9.33	9.49	9.39	8.82
Cookies & crackers	348.84	338.10	335.81	371.65	299.51	38.0	37.4	36.7	41.9	38.3	9.18	9.04	9.15	8.87	7.82
Sugar & confectionery prod.	360.75	301.23	376.67	345.80	344.76	39.0	40.6	40.2	38.0	39.0	9.25	9.39	9.37	9.10	8.84
Beverages	454.91	423.65	446.84	449.20	413.51	39.8	37.0	39.3	40.0	40.5	11.43	11.45	11.37	11.23	10.21
Other food & kindred products	290.82	283.53	269.35	300.85	287.60	39.3	39.0	37.1	40.6	40.0	7.40	7.27	7.26	7.41	7.19
Tobacco manufacturers	220.79	203.24	212.80	211.63	206.27	38.6	36.1	38.0	38.2	38.7	5.72	5.63	5.60	5.54	5.33
Textile mill products	237.63	239.47	240.17	237.07	228.44	37.9	38.5	38.8	38.8	38.2	6.27	6.22	6.19	6.11	5.98
Weaving mills, synthetics	275.88	272.35	274.34	276.28	241.00	41.8	41.9	42.6	42.9	39.9	6.60	6.50	6.44	6.44	6.04
Knitting mills	218.53	219.83	215.80	218.89	220.02	36.3	36.7	36.7	37.1	38.0	6.02	5.99	5.88	5.90	5.79
Knit outerwear mills	215.40	212.89	210.90	211.70	221.74	35.9	35.9	36.3	36.5	38.1	6.00	5.93	5.81	5.80	5.82
Knit underwear mills	190.30	196.62	188.42	197.29	192.72	34.6	35.3	34.7	36.2	36.5	5.50	5.57	5.43	5.45	5.28
Other knitting mills	258.84	262.91	261.05	264.01	247.50	39.1	40.2	40.1	39.7	39.6	6.62	6.54	6.51	6.65	6.25
Floor covering mills	347.96	338.61	380.02	334.78	283.39	42.8	42.7	46.4	41.9	38.4	8.13	7.93	8.19	7.99	7.38
Yarn & thread mills	194.88	201.25	199.64	192.75	196.20	36.7	37.9	38.1	36.3	36.4	5.31	5.31	5.24	5.31	5.39
Other textile mill prod.	245.25	250.04	252.55	250.10	239.23	38.5	39.5	39.4	40.8	38.4	6.37	6.33	6.41	6.13	6.23
Apparel & other textile products	193.55	195.09	191.87	188.38	179.63	34.5	34.9	33.9	33.7	32.9	5.61	5.59	5.66	5.59	5.46
Men's & boys' suits & coats	244.80	247.93	251.97	244.19	223.11	36.0	36.3	37.0	36.5	33.5	6.80	6.83	6.81	6.69	6.66
Men's & boys' furnishings	197.26	200.00	193.99	183.06	181.84	35.8	36.9	35.4	33.9	33.8	5.51	5.42	5.48	5.40	5.38
Men's & boys' shirts & nightwear	194.21	194.03	191.51	183.71	183.01	35.7	36.2	35.4	33.1	34.4	5.44	5.36	5.41	5.55	5.32
Men's & boys' separate trousers	205.69	210.29	211.48	196.02	179.24	35.1	36.7	36.4	36.1	31.5	5.86	5.73	5.81	5.43	5.69
Other furnishings & work clothing	195.66	201.10	185.99	174.49	182.32	36.3	37.8	34.7	33.3	34.4	5.39	5.32	5.36	5.24	5.30
Women's & misses' outerwear	180.29	182.27	180.14	177.88	165.98	32.9	33.2	32.4	32.4	31.2	5.48	5.49	5.56	5.49	5.32
Women's & children's undergarments	177.15	176.97	174.72	177.48	168.80	34.6	34.7	33.6	34.8	34.1	5.12	5.10	5.20	5.10	4.95
Children's outerwear	186.90	191.88	181.75	170.02	175.91	35.0	36.0	34.1	32.2	33.7	5.34	5.33	5.33	5.28	5.22
Other apparel & textile prod.	199.93	196.63	187.92	185.83	194.48	37.3	37.1	34.8	34.8	37.4	5.36	5.30	5.40	5.34	5.20

HOURS AND EARNINGS FOR

Table 6. (concl.) MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983	March 1984	Feb. 1984	Jan. 1984	Dec. 1983	March 1983
Paper & allied products	$375.62	$376.51	$366.86	$385.83	$362.49	42.3	42.4	41.5	43.4	43.0	$ 8.88	$8.88	$8.84	$8.89	$8.43
Paper mills exc. building paper	487.44	489.84	473.84	475.87	448.50	46.6	47.1	46.5	46.7	46.0	10.46	10.40	10.19	10.19	9.75
Paper board containers & boxes	357.06	360.59	350.33	379.99	337.55	40.9	41.4	40.5	42.6	39.9	8.73	8.71	8.65	8.92	8.46
Corrugated & solid fiber boxes	384.99	393.55	387.66	396.32	374.43	42.4	43.2	42.6	43.6	42.5	9.08	9.11	9.10	9.09	8.81
Other paperboard containers	328.60	327.10	313.34	362.30	296.74	39.4	39.6	38.4	41.5	37.0	8.34	8.26	8.16	8.73	8.02
Other paper & allied products	334.13	331.70	327.18	350.14	339.57	41.2	40.8	39.9	42.7	44.1	8.11	8.13	8.20	8.20	7.70
Printing & publishing	380.03	374.81	374.92	382.04	352.05	39.3	38.8	39.3	40.3	38.9	9.67	9.66	9.54	9.48	9.05
Newspapers	346.12	337.31	332.64	352.55	315.44	34.0	33.2	33.0	34.7	33.1	10.18	10.16	10.08	10.16	9.53
Books	285.67	289.08	313.58	373.15	264.97	37.1	37.3	40.1	42.5	36.7	7.70	7.75	7.82	8.78	7.22
Commercial printing	409.25	404.99	409.85	403.60	393.33	40.4	39.9	40.7	41.1	41.1	10.13	10.15	10.07	9.82	9.57
Manifold business forms	411.52	406.08	422.11	469.96	381.36	42.6	42.7	44.2	48.3	42.0	9.66	9.51	9.55	9.73	9.08
Other printing & publishing	379.89	376.24	351.01	336.51	330.66	41.7	41.3	40.3	40.3	39.6	9.11	9.11	8.71	8.35	8.35
Chemicals & allied products	449.82	444.29	451.08	445.20	406.59	42.0	41.6	42.0	42.4	40.7	10.71	10.68	10.74	10.50	9.99
Industrial inorganic chemicals	467.93	469.94	473.90	483.78	411.68	42.5	42.8	43.2	43.9	41.5	11.01	10.98	10.97	11.02	9.92
Plastic materials & synthetics	504.06	491.37	486.49	458.16	418.99	44.1	43.6	42.9	41.5	40.6	11.43	11.27	11.34	11.04	10.32
Drugs	456.96	442.33	473.30	466.77	434.60	40.8	39.6	41.7	41.9	41.0	11.20	11.17	11.35	11.14	10.60
Soap, cleaners & toilet goods	373.10	374.53	401.12	434.76	349.73	41.0	41.8	43.6	48.2	41.0	9.10	8.96	9.20	9.02	8.53
Paints & allied products	432.82	441.01	433.25	431.46	408.66	42.6	42.9	41.9	42.3	41.7	10.16	10.28	10.34	10.20	9.80
Other chemicals & allied prod.	438.04	439.10	424.97	413.24	386.86	42.2	42.1	41.1	41.2	39.8	10.38	10.43	10.34	10.03	9.72
Petroleum & coal products	573.32	546.56	551.67	572.47	587.42	44.0	42.8	42.6	43.7	44.2	13.03	12.77	12.95	13.10	13.29
Petroleum refining	637.95	596.41	597.49	615.26	625.52	44.8	43.0	42.8	44.2	44.3	14.24	13.87	13.96	13.92	14.12
Other petroleum & coal prod.	434.66	442.00	441.41	457.73	434.69	42.2	42.5	42.2	42.5	43.6	10.30	10.40	10.46	10.77	9.97
Rubber & misc. plastics products	334.54	340.20	338.66	337.38	311.81	41.2	42.0	41.2	41.6	40.6	8.12	8.10	8.22	8.11	7.68
Tires & inner tubes	510.60	522.59	493.43	470.85	428.28	46.0	47.9	45.9	43.8	41.3	11.10	10.91	10.75	10.75	10.37
Fabricated rubber prod., n.e.c.	364.62	375.53	367.34	370.36	358.57	41.2	42.1	40.5	40.3	40.7	8.85	8.92	9.07	9.19	8.81
Other rubber & plastic prod., n.e.c.	315.79	320.38	321.10	321.21	296.06	40.8	41.5	40.8	41.5	40.5	7.74	7.72	7.87	7.74	7.31
Leather & leather products	190.99	190.82	190.99	186.54	184.80	35.5	35.6	35.9	35.6	35.0	5.38	5.36	5.32	5.24	5.28
Footwear, exc. rubber	179.92	177.32	179.28	177.86	171.53	34.8	34.7	35.5	35.5	33.9	5.17	5.11	5.05	5.01	5.06
Men's footwear, exc. athletic	192.92	189.28	191.86	201.74	192.92	36.4	36.4	37.4	38.5	37.1	5.30	5.20	5.13	5.24	5.20
Women's footwear, exc. athletic	159.43	157.08	160.40	144.77	148.98	31.2	30.5	31.7	31.0	29.5	5.11	5.15	5.06	4.67	5.05
Other footwear	177.00	174.88	175.29	171.50	155.36	35.4	35.4	35.7	35.0	32.3	5.00	4.94	4.91	4.90	4.81
Other leather & leather prod.	230.58	240.24	239.89	219.85	235.41	37.8	39.0	37.6	36.1	39.3	6.10	6.16	6.38	6.09	5.99
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	402.97	396.75	378.06	391.96	380.79	36.6	36.2	34.4	35.6	36.3	11.01	10.96	10.99	11.01	10.49
Bituminous coal & lignite mining	615.57	592.91	570.43	496.62	504.44	42.6	42.2	40.6	35.6	38.1	14.45	14.05	14.05	13.95	13.24
Nonmetallic minerals, exc. fuels	386.46	383.88	375.66	449.64	360.10	41.6	41.5	40.7	48.4	40.1	9.29	9.25	9.23	9.29	8.98
Communication	494.80	503.88	491.63	502.63	449.65	40.0	40.8	40.1	40.6	39.1	12.37	12.35	12.26	12.38	11.50
Electric, gas, & sanitary services	532.98	547.84	541.45	529.62	504.64	42.0	42.7	42.5	42.1	42.3	12.69	12.83	12.74	12.58	11.93
Electric services	511.09	519.78	518.55	518.08	486.63	42.1	42.5	42.4	42.5	42.5	12.14	12.23	12.23	12.19	11.45
Gas production & distribution	452.28	468.65	462.68	452.08	419.80	40.6	41.4	41.2	40.4	40.6	11.14	11.32	11.23	11.19	10.34
General merchandise stores	160.11	155.67	155.84	167.80	154.66	28.9	28.1	28.7	31.6	28.8	5.54	5.54	5.43	5.31	5.37

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PENNSYLVANIA EMPLOYMENT AND EARNINGS

VOL.XXIX No. 4

DATA FOR APRIL 1984

Released June 1984

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	April 1984	March 1984	April 1983
Civilian Labor Force(Unadj.)	5317.0	5278.0	5341.0
Employment (Unadjusted)	4829.0	4772.0	4649.0
Unemployment (Unadjusted)	488.0	506.0	693.0
%Civilian Labor Force	9.2	9.6	13.0
Unemployment (Seas. Adj.)	494.0	478.0	700.0
%Civilian Labor Force	9.2	8.9	12.9

APRIL EMPLOYMENT INCREASES BY 57,000
NUMBER UNEMPLOYED LOWEST IN 29 MONTHS

Pennsylvania's employment trend continues to follow national movements in the economy as the number employed and unemployed in April moved in favorable directions. Employment increased by 57,000 over March, while the number of unemployed dropped by 18,000. The 488,000 unemployed and the unemployment rate of 9.2 percent were the lowest since November 1981 when 479,000 were unemployed and a rate of 8.7 percent was recorded. The 4,829,900 employed was 180,000 more than the April 1983 employment level.

The state's seasonally adjusted unemployment rate was 9.2 percent, up from 8.9 percent in March 1984 but down from 12.9 percent in April 1983.

For United States, the seasonally adjusted unemployment rate remained at 7.8 percent, the third consecutive month this rate occurred. Seasonally adjusted employment was 104,402,000, an increase of 252,000 over March and the highest number employed since records have been kept. It also marked the 15th consecutive month for an increase over the previous month starting in February 1983, thus a new record each month.

NONFARM EMPLOYMENT GAINS 45,600 OVER
MARCH: NONMANUFACTURING INDUSTRIES UP BY 42,800

Pennsylvania's nonfarm wage and salary employment increased for the third consecutive month as employment reached 4,587,200 in April. This was 45,600 more than the March figure of 4,541,600. Nonmanufacturing industries accounted for 42,800 of the increase and manufacturing for 2,800. Both of these segments showed monthly gains for the past three months.

NONMANUFACTURING For the second consecutive month all major nonmanufacturing industry categories reported increases in employment. Contract construction gained 18,300 workers over March and the 163,200 employed was the highest since November 1983. Other industries reporting sizable increases were services industries, 12,700; wholesale and retail trade, 1,700; and transportation and public utilities, 3,000. Finance, insurance and real estate employment was 247,100, up 1,100.

MANUFACTURING Total employment in manufacturing industries increased by 5,100 during April. The 1,123,100 workers was 42,200 above April a year ago and, with the exception of January 1984, continued a string of monthly increases that began in March 1983. Durable goods industries gained 4,500 jobs during the month to an employment level of 647,900, the highest number employed since September 1982 when 660,700 were employed. Primary metals industries employment was 130,200, or 2,000 above March and 9,500 above April 1983. Employment in transportation equipment was up by 400, and 8,600 above April 1983. Electric and electronic equipment employed 106,000, or 900 above March and 6,400 above last year's figure. Lumber and wood products reported an increase of 500 jobs, from 20,700 in March to 21,200 for April.

Nondurable industries employment edged upward as 600 workers were added to the payrolls which brought employment to 475,200. Textile mill production also gained 600 jobs. Printing and publishing industries, chemicals and allied products industries reported gains of 400. Recording losses in employment were apparel and other textile products, down 600, but still 2,300 above last year's total of 110,600. Petroleum and coal products, and rubber and miscellaneous plastic products both lost 300 jobs from the previous month.

WEEKLY HOURS AND EARNINGS
RISE SLIGHTLY

The average workweek for manufacturing industry workers during April was 40.3 hours, an increase of 0.1 hour over March and 1.4 hours above April a year ago. Average weekly earnings were $375.19 compared to $372.65 for the previous month and $343.88 for last year. Average hourly earnings also increased slightly from $9.27 to $9.31. Durable goods average weekly earnings, hours worked and the hourly rate were $428.68, 41.7 and $10.28 respectively. Comparable figures for nondurable goods were $304.92, 38.5 and $7.92.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA #	ALL EMPLOYEES			NET CHANGE		PRODUCTION WORKER AVERAGES HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	April 1984 1/	March 1984	April 1983	March 1984	April 1983	April 1984 1/	March 1984	April 1983	April 1984 1/	March 1984	April 1983	April 1984 1/	March 1984	April 1983
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4,587.2	4,541.6	4,491.7	45.6	95.5									
TOTAL MANUFACTURING INDUSTRIES	1,123.1	1,118.0	1,080.0	5.1	42.2	$375.19	$372.65	$343.88	40.3	40.2	38.9	$ 9.31	$ 9.27	$ 8.84
TOTAL DURABLE GOODS	647.9	643.4	613.0	4.5	34.9	428.68	425.98	391.20	41.7	41.6	40.0	10.28	10.24	9.78
Lumber & wood products	21.2	20.7	18.7	0.5	2.5	308.38	296.21	289.35	41.9	40.8	40.3	7.36	7.26	7.18
Furniture & fixtures	20.1	19.8	18.2	0.3	1.9	307.09	304.80	285.22	40.3	40.0	38.7	7.62	7.62	7.37
Stone, clay & glass products	48.1	48.0	48.1	0.1	0.0	403.79	395.79	380.95	41.8	41.1	40.7	9.66	9.63	9.36
Primary metal industries	130.2	128.2	120.7	2.0	9.5	511.98	501.35	457.08	42.0	41.4	39.0	12.19	12.11	11.72
Fabricated metal products	87.5	87.7	85.7	-0.2	1.8	406.43	402.55	380.02	41.6	41.5	40.6	9.77	9.70	9.36
Machinery, exc. electrical	111.3	110.9	107.8	0.4	3.5	435.76	438.65	397.58	41.9	42.3	40.2	10.40	10.37	9.89
Electric & electronic equipment	106.0	105.1	99.6	0.9	6.4	389.90	392.60	353.76	41.7	41.9	40.2	9.35	9.37	8.80
Transportation equipment	66.1	65.7	57.5	0.4	8.6	489.48	491.91	442.54	41.8	41.9	40.6	11.71	11.74	10.90
Instruments & related product	36.3	36.4	36.4	-0.1	-0.1	378.29	370.23	350.55	41.8	41.0	39.7	9.05	9.03	8.83
Miscellaneous manufacturing industries	21.1	20.9	20.3	0.2	0.8	351.15	355.72	323.16	41.3	41.8	39.7	8.51	8.51	8.14
TOTAL NONDURABLE GOODS	475.2	474.6	467.9	0.6	7.3	304.92	302.19	284.24	38.5	38.3	37.4	7.92	7.89	7.60
Food & kindred products	88.1	87.6	87.7	0.5	0.4	355.41	345.74	327.02	39.8	39.2	38.7	8.93	8.82	8.45
Tobacco manufacturers	2.2	2.2	2.2	0.0	0.0	224.24	219.45	210.84	39.9	38.5	38.9	5.62	5.70	5.42
Textile mill products	36.8	36.2	35.7	0.6	1.1	239.47	237.88	226.13	38.5	38.0	37.5	6.22	6.26	6.03
Apparel & other textile products	112.9	113.5	110.6	-0.6	2.3	192.98	192.98	179.85	34.4	34.4	33.0	5.61	5.61	5.45
Paper & allied products	40.7	40.9	40.3	-0.2	0.4	372.49	377.83	360.39	41.9	42.5	42.7	8.89	8.89	8.44
Printing & publishing	74.4	74.0	72.3	0.4	2.1	380.21	379.64	348.53	39.4	39.3	38.3	9.65	9.66	9.10
Chemicals & allied products	58.2	57.8	57.7	0.4	0.5	454.92	450.24	409.63	42.2	42.0	40.8	10.78	10.72	10.04
Petroleum & coal products	13.2	13.5	15.5	-0.3	-2.3	585.21	572.88	535.08	45.4	44.0	42.0	12.89	13.02	12.74
Rubber & misc. plastics products	35.4	35.7	32.1	-0.3	3.3	336.94	339.86	309.50	41.7	41.7	40.3	8.08	8.15	7.68
Leather & leather products	13.3	13.2	13.8	0.1	-0.5	194.04	191.88	188.85	35.8	35.6	35.7	5.42	5.39	5.29
TOTAL NONMANUFACTURING INDUSTRIES	3,466.4	3,423.6	3,410.8	42.8	55.6									
Mining	39.8	38.9	38.4	0.9	1.4									
Contract Construction	163.2	144.9	156.2	18.3	7.0									
Transportation	142.4	141.1	135.1	1.3	7.3									
Public Utilities	105.4	103.7	104.5	1.7	0.9									
Communications	55.1	53.6	54.8	1.5	0.3									
Electric, gas and sanitary service	50.3	50.1	49.7	0.2	0.6									
Wholesale trade	241.7	240.8	238.9	0.9	2.8									
Retail trade	760.6	750.3	741.1	10.3	19.5									
General merchandise stores	122.9	119.1	114.1	3.8	8.8									
Finance, insurance & real estate	247.1	246.0	240.2	1.1	6.9									
Banking	82.1	82.1	80.9	0.0	1.2									
Insurance	71.4	71.0	68.4	0.4	3.0									
Services	1,088.9	1,076.2	1,071.6	12.7	17.3									
Business services	151.1	149.9	145.7	1.2	-0.7									
Health services	373.6	372.3	363.9	1.3	9.7									
Hospitals	223.6	224.1	220.1	-0.5	3.5									
Educational service	136.8	137.3	139.3	-0.5	-2.5									
Government	681.8	681.7	684.8	0.1	-3.0									
Federal	133.6	132.7	133.2	0.9	0.4									
State & local	548.2	549.0	551.6	-0.8	-3.4									
Persons in labor-management disputes	6.7	6.7	5.4	0.0	1.3									

FOOTNOTES

*Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

#Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment and Resident Data are benchmarked to first quarter 1983.

The Pennsylvania Employment and Earnings is published quarterly, April, July, October and January. A condensed report is published for all other months. If additional data are needed, telephone, 717-787-3129.

1/ The most recent month's data are preliminary and subject to revision.

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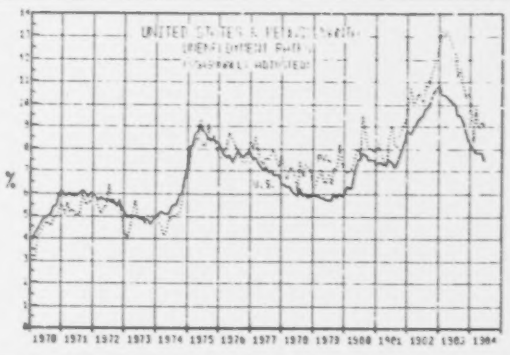
PENNSYLVANIA EMPLOYMENT AND EARNINGS

JOB SERVICE

Vol. XXIX No. 5 DATA FOR MAY 1984 Released July 1984

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	May 1984	April 1984	May 1983
Civilian Labor Force(Unadj.)	5429.0	5317.0	5443.0
Employment (Unadjusted)	4956.0	4829.0	4782.0
Unemployment (Unadjusted)	473.0	488.0	661.0
%Civilian Labor Force	8.7	9.2	12.1
Unemployment (Seas.Adj.)	502.0	494.0	689.0
%Civilian Labor Force	9.1	9.2	12.5



MAY EMPLOYMENT INCREASED BY 127,000
UNEMPLOYED TOTALS LOWEST IN 32 MONTHS

Employment and unemployment trends for Pennsylvania followed the national trends of economic recovery during May. Employment rolls increased by 127,000 over April, while the number of unemployed residents decreased by 15,000. The 473,000 unemployment total was the lowest figure since September 1981 when 448,200 Pennsylvanians were unemployed. The unemployment rate of 8.7 percent was the lowest since November 1981 when the rate was also 8.7 percent. The May level of 4,956,000 employed represents an increase of 174,000 over the employment level of May 1983.

Pennsylvania's seasonally adjusted unemployment rate for May was 9.1 percent, demonstrating a slight decrease from the April rate of 9.2 percent but reflecting a sizable reduction from the 12.5 percent unemployed recorded last year in May.

The United States seasonally adjusted unemployment rate dropped to 7.5 percent after three consecutive months at 7.8 percent. This decrease signifies a decline in unemployment of 329,000 nationwide. Seasonally adjusted employment rose to an all-time high of 105,288,000 during May.

NONFARM EMPLOYMENT RISES 47,000 SINCE APRIL:
NONMANUFACTURING INDUSTRIES UP BY 44,400

Nonfarm wage and salary employment in Pennsylvania climbed for the fourth consecutive month as employment totals reached 4,634,200. This is the highest employment figure since June 1982, and 47,000 more than the 4,587,200 reported in April. Nonmanufacturing industries contributed 44,400 new jobs to this upswing and the manufacturing subdivision contributed 2,600.

NONMANUFACTURING With the exception of mining, all major nonmanufacturing industry categories showed increases in employment for the third consecutive month. Wholesale and retail trade industries enlisted 14,400 new workers during May for an industry total of 1,013,200 jobs. The services industry, in preparation for increased seasonal activity, hired 11,400 employees. Other nonmanufacturing industries showing substantial gains in employment were contract construction, 9,900; finance, insurance and real estate, 3,400; government, 3,100; and transportation and public utilities, 2,300.

MANUFACTURING Manufacturing industries boosted their employment rolls by 2,600 jobs. The 1,123,400 total denotes an increase of 33,700 over the 1,089,700 employees working in May 1983. The continuing upward trend in this category has persisted monthly since March 1983, with the exception of January 1984.

Industries producing durable goods reported expanded employment of 3,700 during May for a total of 650,400 employees, the highest level of employment since September 1982 when the industry maintained 660,700 workers. Electric and electronic equipment employed 106,800, an 1,100 increase from April 1984 and 6,700 more than the May 1983 level. Jobs in the lumber and wood products category rose by 700 to 21,600 wage earners, the highest level since March 1980. Both primary metal and the fabricated metal products industries reported job gains of 600 for the month and reached employment levels of 130,200 and 87,900 respectively.

Employment levels in the nondurable industries declined slightly to 473,000 jobs, down 1,100 after three months of sustained growth. Food and kindred products recruited 800 new employees to amass a total of 88,300. Rubber and miscellaneous plastics products hired 300 more than the previous month, and petroleum and coal products increased their payrolls by 200 workers.

WEEKLY HOURS AND EARNINGS

The average weekly earnings among workers in the manufacturing industry during May were $372.53, down $1.33 from the April level, but still $24.83 above the earnings reported in May 1983. Average weekly hours worked in May was 40.1, 0.1 hour below the April average and 0.9 hour above last year's average workweek. The average hourly earnings in May was $9.29, one cent less than the April amount and 42 cents greater than May 1983 earnings. Durable goods average weekly earnings, hours worked, and hourly rates were $425.38, 41.5, and $10.25 respectively. Similar averages for the nondurable goods field were $302.57, 38.3, and $7.90.

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA *	ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	May 1984 1/	April 1984	May 1983	April 1984	May 1983	May 1984 1/	April 1984	May 1983	May 1984	April 1984	May 1983	May 1984 1/	April 1984	May 1983
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4,634.2	4,587.2	4,531.7	47.0	102.5									
TOTAL MANUFACTURING INDUSTRIES	1,123.4	1,120.8	1,089.7	2.6	33.7	$372.53	$373.86	$347.70	40.1	40.2	39.2	$ 9.29	$ 9.30	$ 8.87
TOTAL DURABLE GOODS	650.4	646.7	618.6	3.7	31.8	425.38	427.23	396.15	41.5	41.6	40.3	10.25	10.27	9.83
Lumber & wood products	21.6	20.9	19.6	0.7	2.0	308.39	306.61	303.47	40.9	41.1	41.8	7.54	7.46	7.26
Furniture & fixtures	20.3	20.1	18.3	0.2	2.0	310.71	307.13	287.82	40.3	40.2	39.0	7.71	7.64	7.38
Stone, clay & glass products	48.3	48.2	49.1	0.1	-0.8	402.97	404.07	383.93	41.5	41.7	40.8	9.71	9.69	9.41
Primary metal industries	130.2	129.6	120.5	0.6	9.7	495.30	507.49	456.30	40.9	41.7	39.1	12.11	12.17	11.67
Fabricated metal products	87.9	87.3	85.8	0.6	2.1	409.22	405.60	384.05	41.8	41.6	40.9	9.79	9.75	9.39
Machinery, exc. electrical	111.1	111.0	108.8	0.1	2.3	436.18	436.18	401.60	41.9	41.9	40.0	10.41	10.41	10.04
Electric & electronic equipment	106.8	105.7	100.1	1.1	6.7	386.74	389.16	362.20	41.9	41.8	41.3	9.23	9.31	8.77
Transportation equipment	66.4	66.5	59.4	-0.1	7.0	492.37	488.14	452.88	42.3	41.9	40.4	11.64	11.65	11.21
Instruments & related products	36.6	36.4	36.5	0.2	0.1	381.06	375.42	355.91	41.6	41.3	39.9	9.16	9.09	8.92
Miscellaneous manufacturing industries	21.2	21.0	20.5	0.2	0.7	341.54	353.14	327.98	39.9	41.4	39.9	8.56	8.53	8.22
TOTAL NONDURABLE GOODS	473.0	474.1	471.1	-1.1	1.9	302.57	303.74	288.42	38.3	38.4	37.9	7.90	7.91	7.61
Food & kindred products	88.3	87.5	87.8	0.8	0.5	346.32	353.73	335.69	39.0	39.7	39.4	8.88	8.91	8.52
Tobacco manufacturers	2.1	2.1	2.3	0.0	-0.2	223.65	223.29	202.95	39.1	38.9	36.9	5.72	5.74	5.50
Textile mill products	36.5	36.8	36.2	-0.3	0.3	238.51	239.23	234.96	38.1	38.4	38.9	6.26	6.23	6.04
Apparel & other textile products	112.2	113.2	111.9	-1.0	0.3	190.28	192.77	180.61	34.1	34.3	33.2	5.58	5.62	5.44
Paper & allied products	40.3	40.7	40.6	-0.4	-0.3	381.31	371.13	365.90	42.7	41.7	43.2	8.93	8.90	8.47
Printing & publishing	73.7	74.3	72.3	-0.6	1.4	382.93	380.21	353.96	39.6	39.4	38.6	9.67	9.65	9.17
Chemicals & allied products	57.6	57.7	57.7	-0.1	-0.1	461.78	459.43	418.91	42.6	42.5	41.6	10.84	10.81	10.07
Petroleum & coal products	13.1	12.9	15.9	0.2	-2.8	534.49	566.10	526.67	43.0	44.4	41.7	12.43	12.75	12.63
Rubber & misc. plastics products	35.9	35.6	32.4	0.3	3.5	335.30	335.32	307.49	41.6	41.5	40.3	8.06	8.08	7.63
Leather & leather products	13.3	13.3	14.0	0.0	-0.7	195.29	193.14	195.52	36.3	35.7	37.6	5.38	5.41	5.20
TOTAL NONMANUFACTURING INDUSTRIES	3,510.8	3,466.4	3,442.0	44.4	68.8									
Mining	39.5	39.6	38.7	-0.1	0.8									
Contract Construction	171.0	161.1	165.3	9.9	5.7									
Transportation	144.5	142.7	136.4	1.8	8.1									
Public Utilities	105.6	105.1	104.7	0.5	0.9									
Communications	55.3	54.8	54.8	0.5	0.5									
Electric, gas and sanitary service	50.3	50.3	49.9	0.0	0.4									
Wholesale trade	242.4	241.9	239.8	0.5	2.6									
Retail trade	770.8	756.9	750.0	13.9	20.8									
General merchandise stores	120.1	119.9	113.7	0.2	6.4									
Finance, insurance & real estate	250.6	247.2	241.7	3.4	8.9									
Banking	82.2	82.0	81.1	0.2	1.1									
Insurance	71.8	71.3	68.4	0.5	3.4									
Services	1,101.5	1,090.1	1,077.9	11.4	23.6									
Business services	159.4	151.1	147.5	8.3	11.9									
Health services	374.5	373.8	364.9	0.7	9.6									
Hospitals	223.6	223.8	220.8	-0.2	3.2									
Educational service	129.7	137.5	135.0	-7.8	-5.3									
Government	684.9	681.8	687.5	3.1	-2.6									
Federal	134.5	133.6	134.0	0.9	0.5									
State & local	550.4	548.2	553.5	2.2	-3.1									
Persons in labor-management disputes	4.7	3.3	6.4	1.4	-1.7									

FOOTNOTES

*Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

*Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment and Resident Data are benchmarked to first quarter 1983.

The Pennsylvania Employment and Earnings is published quarterly, April, July, October and January. A condensed report is published for all other months. If additional data are needed, telephone, 717-787-3129.

1/ The most recent month's data are preliminary and subject to revision.

5/31/84 S6845-1 A

PENNSYLVANIA EMPLOYMENT AND EARNINGS

A STATEWIDE SUMMARY OF
LEVELS AND TRENDS

DATA FOR JUNE 1984

JOB SERVICE

VOL. XXIX No. 6

Released August 1984

– EXPLANATORY –

INDUSTRY EMPLOYMENT

Employment data refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from the estimates of total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during any part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who, during the pay period which includes the 12th, are laid off, on leave without pay or on strike for the entire period, or who are hired but do not report to work during the period.

INDUSTRY HOURS AND EARNINGS

Hours and earnings data are derived from reports of payroll and man-hours for production and related workers in mining and manufacturing, construction workers in contract construction, and nonsupervisory employees in all other industries in the private sector. When the reported pay period exceeds one week, the payroll and man-hour figures are reduced to a weekly basis.

AVERAGE HOURLY AND WEEKLY EARNINGS

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, reflecting not only changes in basic hourly rates, but also such variable factors as premium pay for overtime and shift work, and changes in output of workers paid on an incentive plan. Excluded from average earnings are: irregular bonuses, retroactive items, payments of various welfare benefits, and payroll taxes paid by employers.

THE "LINK RELATIVE" TECHNIQUE

From a sample of establishments, which reported for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these "link relatives ".

At the aggregate industry-level, i.e., divisions and groups, employment is the sum of the employment estimates for component industries. Annual average employment is the sum of the monthly estimates divided by 12.

Each year employment estimates are compared with comprehensive counts of employment, which provide annual "benchmarks" for the various industries defined as nonagricultural, and appropriate adjustments are made as indicated. The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws.

This report is prepared by the Research and Statistics Division.
Refer queries, in writing,to:
PENNSYLVANIA OFFICE OF EMPLOYMENT SECURITY
COOPERATING REPRESENTATIVE
U.S. BUREAU OF LABOR STATISTICS
LABOR AND INDUSTRY BUILDING - ROOM 1202
HARRISBURG, PENNSYLVANIA 17121
or telephone: 717 – 787-3129

PENNSYLVANIA EMPLOYMENT AND EARNINGS FOR
SECOND QUARTER 1984

JUNE 1984 SEASONALLY ADJUSTED UNEMPLOYMENT RATE DROPS TO 8.6 PERCENT

Pennsylvania's seasonally adjusted unemployment rate fell to 8.6 percent in June, 0.5 percentage point below the May rate of 9.1 percent and 3.7 percentage points below June 1983. The June rate was the second lowest since August 1981 when the rate was 8.2 percent. Seasonally adjusted unemployment volume during June decreased by 23,000 to 479,000 from the May level of 502,000. Seasonal adjustment filters out cyclical variations which recur yearly due to seasonal trends, such as the increase in the civilian labor force each summer because of high school and college graduates seeking employment.

The total employment of 5,122,000 for June was 166,000 more than the previous month and 221,000 higher than employment during June 1983. It was also the third highest number employed in the state since the July and August 1981 record levels of 5,149,600 and 5,158,300, respectively. The continuing trend of economic development was important as 211,000 additional persons entered the civilian labor force this month.

On the national level, seasonally adjusted unemployment dropped by 384,000 to 8,130,000 for an adjusted unemployment rate of 7.1 percent. Seasonally adjusted employment in the United States rose by 460,000 to an all-time high of 105,748,000 during June.

NONFARM EMPLOYMENT UP 32,800 OVER MAY
PRIVATE SECTOR CAINS 47,200

Based on estimates from the monthly survey of nonagricultural establishments, total nonfarm payroll employment reached 4,666,600 during June, an increase of 32,8000 over May and 104,400 over June 1983. Private sector employment (excluding government) totaled 3,996,500 during June, an increase of 47,200 compared to last month. Nonmanufacturing industries showed an increased of 25,100 jobs during June for an employment total of 3,534,800. Employment in manufacturing industries also reported a gain of 7,700 jobs during the month. These two subdivisions have both experienced increases during the last five consecutive months.

NONMANUFACTURING During the month of June employment in nonmanufacturing industries accounted for 76 percent or 3,534,800 of the jobs in Pennsylvania. Three sectors of this subdivision fueled the upward trend of the state economy by posting considerable gains in employment: retail trade, up 15,600; contract construction, up 10,000; and the services industry, up 8,100 for the month. Only the government sector showed any significant decrease in employment, down 14,400 which is wholly accounted for by summer school vacation period for 21,500 state and local educators.

The second quarter ending employment in 1984 for nonmanufacturing was 111,200 above the March 1984 figure of 3,423,600 and 71,300 above the June 1983 figure of 3,463,500.

MANUFACTURING For ten of the last elven months, employment in the manufacturing industries reflected continued recovery from the recession. Total employment for all sectors was 1,131,800 for June, 7,700 above the May figure and 33,100 above June 1983. Durable goods employment rosters grew by 5,700 during the month to a total of 656,700. The largest increases in employment occurred in the following durable goods sectors: primary metal industries, up 1,300 to 131,400; electric and electronic equipment, up 1,000 to 108,000; and fabricated metal products and stone, clay and glass, each up 900 to 88,800 and 49,500 respectively.

Industries producing nondurable goods reported 2,000 more jobs during June for a categorical total of 475,100, the highest figure since December 1983. Food and kindred products gained 2,000 jobs during the last month for total employment of 90,300. With exceptions of paper products and chemical products, all other sectors demonstrated nominal increases in employment as compared to last month's figures.

AVERAGE WEEKLY HOURS AND EARNINGS

In June workers in the manufacturing industries maintained an average workweek of 40.3 hours, a slight increase from May's average of 40.2. June's hourly gross earnings moved up by one cent to a $9.32 average compared to last month, while the weekly paycheck increased from $374.26 to $375.60, a gain of $1.34 since May. Average weekly earnings, hours worked, and hourly rates for workers in the durable goods category equaled $430.12, 41.8, and $10.29 respectively. In the nondurable goods category, these averages were $302.95, 38.3, and $7.91 respectively. During the course of the last year, average hourly wages increased 43 cents and weekly hours worked rose 0.7 hours for a weekly gross earnings improvement of $23.56.

NINE MAJOR LABOR MARKET AREAS DECREASE IN QUARTERLY AVERAGE SEASONAL ADJUSTED UNEMPLOYMENT RATES FOR THE FIFTH CONSECUTIVE QUARTER

Nine major labor market areas' seasonally adjusted unemployment for the second quarter 1984 decreased for the fifth consecutive quarter. Lancaster with the lowest unemployment rate of 4.8 percent for the second quarter was, however, one of the areas that recorded slight increases over the first quarter.

Recording unemployment rates below the state rate of 9.0 percent, in addition to Lancaster, were Harrisburg with 5.4 percent; Philadelphia, 6.7 percent; Reading, 7.0 percent; State College, 7.8 percent; York, 8.1 percent; and Allentown-Bethlehem-Easton, 8.7 percent. Johnstown and Sharon recorded the highest quarterly rates of 14.2 percent and 12.3 percent, respectively. However, both rates were well below the year-ago figures of 22.9 and 19.5 percent. The table below presents seasonally adjusted quarterly unemployment rates for Pennsylvania and major labor market areas for first and second quarter 1984 and second quarter 1983.

QUARTERLY AVERAGE ADJUSTED UNEMPLOYMENT BY LABOR MARKET AREAS:
NUMBER AND RATE, FIRST AND SECOND QUARTER, 1984 and Second Quarter 1983

AREA	Second Quarter-84		First Quarter-84		Second Quarter 83	
	Number	Rate*	Number	Rate*	Number	Rate*
PENNSYLVANIA	492,000	9.0	488,000	9.0	692,400	12.7
ALLENTOWN-BETHLEHEM-EASTON	27,000	8.7	24,900	8.2	40,500	12.6
ALTOONA	6,900	12.5	6,700	12.2	10,500	18.2
ERIE	12,100	9.8	13,200	10.9	19,800	15.8
HARRISBURG	13,200	5.4	13,400	5.6	17,900	7.5
JOHNSTOWN	14,300	14.2	14,400	14.4	24,300	22.9
LANCASTER	9,100	4.8	8,800	4.7	13,300	7.2
NORTHEAST PA	32,100	10.9	30,300	10.5	36,500	12.6
PHILADELPHIA	152,200	6.7	152,000	6.9	195,300	8.8
PITTSBURGH	112,200	11.1	113,700	11.4	159,900	15.4
READING	11,400	7.0	11,000	6.8	17,300	10.8
SHARON	6,300	12.3	6,800	13.5	10,600	19.5
STATE COLLEGE	4,100	7.8	4,100	7.9	6,000	11.7
WILLIAMSPORT	5,800	11.0	6,100	11.6	8,100	15.5
YORK	14,600	8.1	15,500	8.7	21,200	11.8

*Rate expressed as percent of civilian labor force.

Table I. Resident Employment, Unemployment and Unemployed Rate
(Thousands)

Year	PENNSYLVANIA Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %	UNITED STATES Civilian Labor Force	Employment	Unemployment	Rate %	Seasonally Adjusted Rate %
1967	4,637	4,467	170	3.7		77,347	74,372	2,975	3.8	
1968	4,634	4,475	159	3.4		78,737	75,920	2,817	3.6	
1969	4,720	4,566	154	3.3		80,734	77,902	2,832	3.5	
1970	4,830	4,612	218	4.5		82,771	78,678	4,093	4.9	
1971	4,813	4,553	261	5.4		84,382	79,367	5,016	5.9	
1972	4,884	4,620	265	5.4		87,034	82,153	4,882	5.6	
1973	4,999	4,756	242	4.8		89,429	85,064	4,365	4.9	
1974	5,052	4,792	259	5.1		91,949	86,794	5,156	5.6	
1975	5,096	4,672	423	8.3		93,775	85,846	7,929	8.5	
1976	5,127	4,721	407	7.9		96,158	88,752	7,406	7.7	
1977	5,205	4,804	401	7.7		99,009	92,017	6,991	7.1	
1978	5,303	4,936	367	6.9		102,251	96,048	6,202	6.1	
1979	5,358	4,988	370	6.9		104,962	98,824	6,137	5.8	
1980	5,434	5,009	425	7.8		106,940	99,303	7,637	7.1	
1981	5,476	5,018	458	8.4		108,670	100,397	8,273	7.6	
1982	5,487	4,888	599	10.9		110,204	99,526	10,678	9.7	
1983	5,510	4,859	651	11.8		111,550	100,834	10,717	9.6	
1984 Jan.	5,383	4,841	542	10.1	8.3	111,025	101,270	9,755	8.8	8.0
Feb.	5,344	4,758	586	11.0	9.8	111,368	101,961	9,407	8.4	7.8
Mar.	5,278	4,772	506	9.6	8.9	111,828	102,770	9,057	8.1	7.8
Apr.	5,317	4,829	488	9.2	9.2	112,152	103,628	8,525	7.6	7.8
May	5,429	4,956	473	8.7	9.1	113,251	105,096	8,154	7.2	7.5
June	5,640	5,122	518	9.2	8.6	115,393	106,812	8,582	7.4	7.1
1983										
1st Qtr.	5,373	4,605	768	14.3	13.1	109,766	97,507	12,259	11.2	10.5
2nd Qtr.	5,470	4,777	692	12.7	12.6	111,189	100,065	11,123	10.0	10.1
3rd Qtr.	5,626	5,033	594	10.6	11.2	113,252	102,935	10,316	9.1	9.3
4th Qtr.	5,570	5,022	548	9.8	10.4	111,995	102,827	9,168	8.2	8.5
1984										
1st Qtr.	5,336	4,791	545	10.2	9.0	111,406	102,000	9,406	8.4	7.9
2nd Qtr.	5,462	4,969	493	9.0	9.0	113,599	105,179	8,420	7.4	7.5

On all tables the most recent month's data are preliminary. They are subject to revision.

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES					NET CHANGE		
	June P 1984	May 1984	April 1984	March 1984	June 1983	May 1984	March 1984	June 1983
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4566.6	4633.8	4587.2	4541.6	4562.2	32.8	125.0	104.4
LABOR-MANAGEMENT DISPUTES	8.0	4.8	3.3	6.7	5.1	3.2	1.3	2.9
TOTAL MANUFACTURING INDUSTRIES	1131.8	1124.1	1120.8	1118.0	1098.7	7.7	13.8	33.1
TOTAL DURABLE GOODS	656.7	651.0	646.7	643.4	621.8	5.7	13.3	34.9
Lumber & wood products	22.0	21.5	20.9	20.7	20.2	0.5	1.3	1.8
Millwork, plywood & structural	7.1	7.1	7.2	6.9	6.1	0.0	0.2	1.0
Other lumber & wood prod.	14.9	14.4	13.7	13.8	14.1	0.5	1.1	0.8
Furniture & fixtures	20.4	20.4	20.1	19.8	18.5	0.0	0.6	1.9
Household furniture	8.4	8.6	8.4	8.5	8.0	-0.2	-0.1	0.4
Office furniture	6.0	6.0	6.0	6.0	5.1	0.0	0.0	0.9
Other furniture & fixtures	6.0	5.8	5.7	5.3	5.4	0.2	0.7	0.6
Stone, clay & glass products	49.5	48.6	48.2	48.0	49.5	0.9	1.5	0.0
Glass & glassware, pressed or blown	12.7	12.5	12.6	13.1	13.4	0.2	-0.4	-0.7
Glass containers	6.1	5.8	5.9	6.4	7.1	0.3	-0.3	-1.0
Other pressed or blown glass	6.6	6.7	6.7	6.7	6.3	-0.1	-0.1	0.3
Hydraulic cement	2.0	1.8	1.8	1.8	1.9	0.2	0.2	0.1
Structural clay products	4.7	4.5	4.4	4.2	4.2	0.2	0.5	0.5
Pottery & related products	4.4	4.3	4.4	4.4	4.5	0.1	0.0	-0.1
Concrete, gypsum & plaster prod.	7.6	7.4	7.2	6.5	7.5	0.2	1.1	0.1
Other stone, clay & glass prod.	18.1	18.1	17.8	18.0	18.0	0.0	0.1	0.1
Primary metal industries	131.4	130.1	129.6	128.2	121.7	1.3	3.2	9.7
Blast furnace & basic steel prod.	90.6	89.8	89.4	88.6	84.0	0.8	2.0	6.6
Blast furnaces & steel mills	82.6	81.9	81.7	80.9	76.2	0.7	1.7	6.4
Other basic steel products	8.0	7.9	7.7	7.7	7.8	0.1	0.3	0.2
Iron & steel foundries	12.4	12.3	12.2	12.1	11.4	0.1	0.3	1.0
Nonferrous rolling & drawing	13.8	13.6	13.6	13.4	13.1	0.2	0.4	0.7
Nonferrous foundries	6.5	6.4	6.4	6.4	6.1	0.1	0.1	0.4
Other primary metal products	8.1	8.0	8.0	7.7	7.1	0.1	0.4	1.0
Fabricated metal products	88.8	87.9	87.3	87.7	85.6	0.9	1.1	3.2
Metal cans & shipping containers	2.9	2.9	2.9	3.0	3.1	0.0	-0.1	-0.2
Cutlery, hand tools & hardware	5.1	5.1	5.1	5.1	4.6	0.0	0.0	0.5
Plumbing & heating exc. electrical	2.2	2.2	2.1	2.2	2.2	0.0	0.0	0.0
Fabricated structural metal prod.	27.9	27.3	27.1	27.4	28.6	0.6	0.5	-0.7
Fabricated structural metal	4.6	4.6	4.7	4.8	5.1	0.0	-0.2	-0.5
Fabricated plate work (boiler shops)	7.5	7.4	7.4	7.5	7.7	0.1	0.0	-0.2
Other fabricated struct. metal prod.	15.8	15.3	15.0	15.1	15.8	0.5	0.7	0.0
Screw machine products, bolts, etc.	7.0	6.9	6.8	6.7	6.6	0.1	0.3	0.4
Metal forgings & stampings	16.9	16.8	16.6	16.7	14.9	0.1	0.2	2.0
Iron & steel forgings	3.8	3.8	3.6	3.8	3.5	0.0	0.0	0.3
Other metal forgings & stampings	13.1	13.0	13.0	12.9	11.4	0.1	0.2	1.7
Metal services & ordnance, n.e.c.	7.6	7.5	7.5	7.6	7.9	0.1	0.0	-0.3
Misc. fabricated metal products	19.2	19.2	19.2	19.0	17.7	0.0	0.2	1.5
Valves & pipe fittings	7.6	7.5	7.5	7.5	7.0	0.1	0.1	0.6
Other misc. fabricated metal prod.	11.6	11.7	11.7	11.5	10.7	-0.1	0.1	0.9
Machinery, exc. electrical	112.1	111.3	111.0	110.9	108.0	0.8	1.2	4.1
Engines & turbines	6.0	6.0	6.1	6.1	6.6	0.0	-0.1	-0.6
Farm & garden machinery	3.3	3.3	3.3	3.3	3.1	0.0	0.0	0.2
Construction & related mach.	17.1	17.0	17.0	16.8	15.5	0.1	0.3	1.6
Construction machinery	5.7	5.7	5.7	5.5	4.8	0.0	0.2	0.9
Conveyors & conveying equip.	2.6	2.6	2.6	2.6	2.6	0.0	0.0	0.0
Other construction & related mach.	8.8	8.7	8.7	8.7	8.1	0.1	0.1	0.7
Metal working machinery	17.8	17.7	17.5	17.3	16.6	0.1	0.5	1.2
Special industry machinery	9.8	9.6	9.6	9.6	9.5	0.2	0.2	0.3

P - Preliminary

Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
	June P 1984	May 1984	April 1984	March 1984	June 1983	NET CHANGE May 1984	March 1984	June 1983
General industrial machinery	22.8	22.7	22.5	22.6	22.5	0.1	0.2	0.3
Pumps & pumping equipment	3.6	3.5	3.5	3.4	3.7	0.1	0.2	-0.1
Ball & roller bearings	3.4	3.3	3.3	3.3	3.1	0.1	0.1	0.3
Air & gas compressors	3.7	3.6	3.5	3.5	3.8	0.1	0.2	-0.1
Industrial furnaces & ovens	2.0	2.2	2.1	2.2	2.2	-0.2	-0.2	-0.2
Other general industrial mach.	10.1	10.1	10.1	10.2	9.7	0.0	-0.1	0.4
Office and computing machines	13.0	12.9	12.8	12.9	12.3	0.1	0.1	0.7
Refrigeration & service ind. mach.	8.9	8.9	8.9	9.0	9.6	0.0	-0.1	-0.7
Misc. machinery, exc. electrical	13.4	13.2	13.3	13.3	12.3	0.2	0.1	1.1
Electric & electronic equipment	108.0	107.0	105.7	105.1	101.4	1.0	2.9	6.6
Electric distributing equip.	11.0	11.1	11.1	11.2	12.5	-0.1	-0.2	-1.5
Transformers	3.9	3.9	3.9	3.9	4.3	0.0	0.0	-0.4
Switchgear & switchboard apparatus	7.1	7.2	7.2	7.3	8.2	-0.1	-0.2	-1.1
Electrical industrial apparatus	15.4	15.3	15.2	15.2	14.9	0.1	0.2	0.5
Household appliances	3.8	3.8	3.7	3.7	3.9	0.0	0.1	-0.1
Electric lighting & wiring equip.	20.9	20.7	20.5	20.2	19.6	0.2	0.7	1.3
Current-carrying wiring devices	12.6	12.3	12.0	11.8	11.3	0.3	0.8	1.3
Other electric light & wiring equip.	8.3	8.4	8.5	8.4	8.3	-0.1	-0.1	0.0
Communication equipment	10.4	10.2	10.0	10.0	10.2	0.2	0.4	0.2
Electronic components & accessories	37.5	37.0	36.3	35.7	31.4	0.5	1.8	6.1
Semiconductors & related devices	16.6	16.2	15.8	15.5	12.3	0.4	1.1	4.3
Other electronic components & access.	20.9	20.8	20.5	20.2	19.1	0.1	0.7	1.8
Other electrical equip. & supplies	9.0	8.9	8.9	9.1	8.9	0.1	-0.1	0.1
Transportation equipment	66.7	66.5	66.5	65.7	59.4	0.2	1.0	7.3
Motor vehicles & equipment	28.4	28.6	28.8	28.4	23.2	-0.2	0.0	5.2
Motor vehicle parts & access.	12.4	12.4	12.6	12.6	10.4	0.0	-0.2	2.0
Other motor vehicles & equip.	16.0	16.2	16.2	15.8	12.8	-0.2	0.2	3.2
Aircraft & parts	10.1	10.2	10.3	10.2	10.0	-0.1	-0.1	0.1
Ship & boat building & repairing	2.8	2.6	2.7	2.7	2.7	0.2	0.1	0.1
Railroad equipment	12.5	12.4	12.1	11.8	11.4	0.1	0.7	1.1
Other transportation equipment	12.9	12.7	12.6	12.6	12.1	0.2	0.3	0.8
Instruments & related products	36.7	36.5	36.4	36.4	36.6	0.2	0.3	0.1
Measuring & controlling devices	17.5	17.4	17.3	17.4	17.9	0.1	0.1	-0.4
Medical instruments & supplies	11.7	11.6	11.5	11.5	11.4	0.1	0.2	0.3
Other instruments & related prod.	7.5	7.5	7.6	7.5	7.3	0.0	0.0	0.2
Miscellaneous manufacturing industries	21.1	21.2	21.0	20.9	20.9	-0.1	0.2	0.2
TOTAL NONDURABLE GOODS	475.1	473.1	474.1	474.6	476.9	2.0	0.5	-1.8
Food & kindred products	90.3	88.3	87.5	87.6	89.9	2.0	2.7	0.4
Meat products	13.1	12.8	12.8	12.8	13.6	0.3	0.3	-0.5
Meat packing plants	3.9	3.8	3.8	3.7	4.0	0.1	0.2	-0.1
Sausages & other prepared meats	4.6	4.6	4.7	4.5	5.2	0.0	0.1	-0.6
Poultry dressing & processing	4.6	4.4	4.3	4.6	4.4	0.2	0.0	0.2
Dairy products	11.3	11.0	10.8	10.6	10.9	0.3	0.7	0.4
Fluid milk	6.1	5.9	5.9	5.7	5.8	0.2	0.4	0.3
Other dairy products	5.2	5.1	4.9	4.9	5.1	0.1	0.3	0.1
Preserved fruits & vegetables	10.7	10.7	10.2	10.4	10.3	0.0	0.3	0.4
Canned fruits & vegetables	3.1	3.3	3.3	3.3	3.2	-0.2	-0.2	-0.1
Other preserved fruits & vegetables	7.6	7.4	6.9	7.1	7.1	0.2	0.5	0.5
Grain mill products	5.1	5.1	5.2	5.3	5.2	0.0	-0.2	-0.1
Bakery products	17.4	17.1	16.9	16.8	17.8	0.3	0.6	-0.4
Bread, cake & related prod.	13.0	12.8	12.8	12.7	13.5	0.2	0.3	-0.5
Cookies & crackers	4.4	4.3	4.1	4.1	4.3	0.1	0.3	0.1
Sugar & confectionery prod.	13.3	12.9	12.9	13.0	13.5	0.4	0.3	-0.2
Beverages	9.4	9.0	8.8	8.8	9.2	0.4	0.6	0.2
Other Food and Kindred Products	10.0	9.7	9.9	9.9	9.4	0.3	0.1	0.6

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Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(cont.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYEES							
	June P 1984	May 1984	April 1984	March 1984	June 1983	NET CHANGE May 1984	NET CHANGE March 1984	NET CHANGE June 1984
Tobacco manufacturers	2.2	2.1	2.1	2.2	2.2	0.1	0.0	0.0
Textile mill products	36.7	36.4	36.8	36.2	36.7	0.3	0.5	0.0
Weaving mills, synthetics	4.2	4.2	4.2	4.1	4.2	0.0	0.1	0.0
Knitting mills	18.3	18.2	18.2	18.0	18.3	0.1	0.3	0.0
Knit outerwear mills	9.8	9.5	9.4	9.3	9.5	0.3	0.5	0.3
Knit underwear mills	4.5	4.7	4.7	4.7	4.6	-0.2	-0.2	-0.1
Other knitting mills	4.0	4.0	4.1	4.0	4.2	0.0	0.0	-0.2
Floor covering mills	3.0	3.0	3.0	2.9	2.8	0.0	0.1	0.2
Yarn & thread mills	2.7	2.7	2.9	2.7	2.9	0.0	0.0	-0.2
Other textile mill prod.	8.5	8.3	8.5	8.5	8.5	0.2	0.0	0.0
Apparel & other textile products	112.7	112.3	113.2	113.5	113.1	0.4	-0.8	-0.4
Men's & boys' suits & coats	14.8	14.8	14.7	14.4	14.1	0.0	0.4	0.7
Men's & boys' furnishings	17.1	16.9	17.2	17.1	16.9	0.2	0.0	0.2
Men's & boys' shirts & nightwear	6.5	6.6	6.6	6.6	6.6	-0.1	-0.1	-0.1
Men's & boys' separate trousers	3.7	3.7	3.7	3.7	3.5	0.0	0.0	0.2
Other furnishings & work clothing	6.9	6.6	6.9	6.8	6.8	0.3	0.1	0.1
Women's & misses' outerwear	49.9	50.0	51.0	51.7	52.8	-0.1	-1.8	-2.9
Women's & children's undergarments	10.6	10.6	10.7	10.8	10.0	0.0	-0.2	0.6
Children's outerwear	7.9	7.6	7.3	7.4	7.7	0.3	0.5	0.2
Other apparel & textile prod.	12.4	12.4	12.3	12.1	11.6	0.0	0.3	0.8
Paper & allied products	39.9	40.4	40.7	40.9	40.7	-0.5	-1.0	-0.8
Paper mills exc. building paper	9.9	10.9	10.9	11.0	10.4	-1.0	-1.1	-0.5
Paper board containers & boxes	13.5	13.4	13.3	13.3	13.2	0.1	0.2	0.3
Corrugated & solid fiber boxes	7.1	6.9	6.8	6.9	6.8	0.2	0.2	0.3
Other paperboard containers	6.4	6.5	6.5	6.4	6.4	-0.1	0.0	0.0
Other paper & allied products	16.5	16.1	16.5	16.6	17.1	0.4	-0.1	-0.6
Printing & publishing	73.9	73.8	74.3	74.0	72.6	0.1	-0.1	1.3
Newspapers	22.8	22.5	22.6	22.5	22.0	0.3	0.3	0.8
Books	4.5	4.8	4.8	4.8	4.5	-0.3	-0.3	0.0
Commercial printing	25.1	24.8	24.9	24.8	24.4	0.3	0.3	0.7
Manifold business forms	5.0	5.0	5.0	5.0	4.8	0.0	0.0	0.2
Other printing & publishing	16.5	16.7	17.0	16.9	16.9	-0.2	-0.4	-0.4
Chemicals & allied products	56.5	57.6	57.7	57.8	57.9	-1.1	-1.3	-1.4
Industrial inorganic chemicals	9.5	9.3	9.4	9.4	9.3	0.2	0.1	0.2
Plastic materials & synthetics	8.4	8.2	8.1	8.1	8.1	0.2	0.3	0.3
Drugs	17.5	19.1	19.2	19.1	19.1	-1.6	-1.6	-1.6
Soap, cleaners & toilet goods	3.1	3.0	2.9	3.1	3.3	0.1	0.0	-0.2
Paints & allied products	4.1	3.9	3.9	3.9	3.8	0.2	0.2	0.3
Other chemicals & allied prod.	13.9	14.1	14.2	14.2	14.3	-0.2	-0.3	-0.4
Petroleum & coal products	13.4	13.1	12.9	13.5	16.2	0.3	-0.1	-2.8
Petroleum refining	9.8	9.6	9.6	10.4	12.6	0.2	-0.6	-2.8
Other petroleum & coal prod.	3.6	3.5	3.3	3.1	3.6	0.1	0.5	0.0
Rubber & misc. plastics products	36.1	35.8	35.6	35.7	33.2	0.3	0.4	2.9
Tires & inner tubes	2.8	2.8	2.9	3.0	2.5	0.0	-0.2	0.3
Fabricated rubber prod., n.e.c.	4.0	4.0	3.9	3.9	3.7	0.0	0.1	0.3
Other rubber & plastic prod., n.e.c.	29.3	29.0	28.8	28.8	27.0	0.3	0.5	2.3
Leather & leather products	13.4	13.3	13.3	13.2	14.4	0.1	0.2	-1.0
Footwear, exc. rubber	10.4	10.2	10.2	10.2	11.2	0.2	0.2	-0.8
Men's footwear, exc. athletic	4.7	4.6	4.7	4.7	5.1	0.1	0.0	-0.4
Women's footwear, exc. athletic	2.6	2.5	2.4	2.4	2.7	0.1	0.2	-0.1
Other footwear	3.1	3.1	3.1	3.1	3.4	0.0	0.0	-0.3
Other leather & leather prod.	3.0	3.1	3.1	3.0	3.2	-0.1	0.0	-0.2

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Table 2. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
(concl.)

(Employment in Thousands)

INDUSTRY TITLE	ALL EMPLOYES							
						NET CHANGE		
	June P 1984	May 1984	April 1984	March 1984	June 1983	May 1984	March 1984	June 1983
TOTAL NONMANUFACTURING INDUSTRIES	3534.8	3509.7	3466.4	3423.6	3463.5	25.1	111.2	71.3
Mining	39.7	39.7	39.6	38.9	39.9	0.0	0.8	-0.2
Anthracite	2.3	2.6	2.6	2.7	2.9	-0.3	-0.4	-0.6
Bituminous	27.8	27.7	28.1	27.7	27.7	0.1	0.1	0.1
Nonmetallic minerals	4.5	4.5	4.1	3.7	4.3	0.0	0.8	0.2
Contract Construction	181.1	171.3	161.1	144.9	174.6	9.8	36.2	6.5
General building	43.4	40.3	38.7	36.0	43.0	3.1	7.4	0.4
Heavy construction	42.8	40.0	34.9	29.4	39.0	2.8	13.4	3.8
Special trades	94.9	91.0	87.5	79.5	92.6	3.0	15.4	2.3
Transportation	143.0	144.9	142.7	141.1	136.2	-1.9	1.9	6.8
Railroads	26.3	26.2	25.5	24.6	26.2	0.1	1.7	0.1
Public Utilities	107.1	105.6	105.1	103.7	105.5	1.5	3.4	1.6
Communications	55.8	55.1	54.8	53.6	54.8	0.7	2.2	1.0
Electric, gas & sanitary service	51.3	50.5	50.3	50.1	50.7	0.8	0.6	0.6
Electric systems	26.0	25.7	25.7	25.6	26.0	0.3	0.0	0.0
Gas production	9.0	8.8	8.8	8.8	8.6	0.2	0.2	0.4
Wholesale trade	244.9	242.6	241.9	240.8	242.1	2.3	4.1	2.8
Retail trade	785.3	769.7	756.9	750.3	756.9	15.6	35.0	28.4
General merchandise stores	121.2	119.9	119.9	119.1	114.2	1.3	2.1	7.0
Department stores	108.2	107.0	107.3	106.6	101.8	1.2	1.6	6.4
Finance, insurance & real estate	254.7	250.7	247.2	246.0	245.2	4.0	8.7	9.5
Banking	83.7	82.2	82.0	82.1	82.1	1.5	1.6	1.6
Commercial & stock savings	77.0	75.6	75.5	75.6	75.6	1.4	1.4	1.4
Credit agencies & securities	6.7	6.6	6.5	6.5	6.5	0.1	0.2	0.2
Insurance	72.3	71.9	71.3	71.0	68.9	0.4	1.3	3.4
Life insurance	27.3	27.1	26.8	26.6	25.5	0.2	0.7	1.8
Fire, marine & casualty	28.8	28.7	28.6	28.5	28.2	0.1	0.3	0.6
Services	1103.9	1100.8	1090.1	1076.2	1086.2	8.1	32.7	22.7
Business services	160.3	158.0	151.1	149.9	149.7	2.3	10.4	10.6
Health services	378.2	374.8	373.8	372.3	369.2	3.4	5.9	9.0
Nursing & personal care	57.8	57.1	56.6	56.6	56.4	0.7	1.2	1.4
Hospitals	224.6	223.6	223.8	224.1	222.9	1.0	0.5	1.7
Educational service	120.4	130.4	137.5	137.3	124.9	-10.0	-16.9	-4.5
Miscellaneous services	49.0	48.3	48.3	48.9	48.7	0.7	0.1	0.3
Engineering & architectural	30.3	29.6	29.4	29.7	30.6	0.7	0.6	-0.3
Government	670.1	684.5	681.8	681.7	676.9	-14.4	-11.6	-6.8
Federal	136.5	134.5	133.6	132.7	134.8	2.0	3.8	1.7
State & local	533.6	550.0	548.2	549.0	542.1	-16.4	-15.4	-8.5

Table 3. SELECTED PENNSYLVANIA EMPLOYMENT INDICES
(Not Seasonally Adjusted)

1977 = 100

INDUSTRY TITLE	June P 1984	May 1984	April 1984	March 1984	June 1983	ANNUAL AVERAGE		
						May 1984	March 1984	June 1983
All Manufacturing	84.3	83.8	83.5	83.3	81.8	81.5	87.2	96.8
Primary Metals	65.8	65.2	64.9	65.2	61.1	61.4	71.7	92.1
Apparel	84.1	83.8	84.5	84.5	83.1	83.4	85.4	91.5
All Nonmanufacturing	109.7	108.9	107.5	106.0	105.4	106.2	105.7	106.3
Construction	98.5	93.2	87.6	78.3	86.4	90.3	91.4	98.2
Retail Trade	109.5	107.3	105.5	104.6	103.0	105.1	102.9	103.6
Services	128.6	127.6	126.4	124.9	123.8	124.1	121.2	117.3
Government	94.3	96.3	95.4	95.2	94.6	94.5	96.0	98.9

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TABLE 4. ACTUAL AND REAL GROSS EARNINGS OF MANUFACTURING PRODUCTION WORKERS IN PENNSYLVANIA

(1967 = 100)

Annual Averages

Year	Weekly Earnings (1)	Weekly Hours (2)	Hourly Earnings (3)	Hourly Earnings Index (4)	U.S. Consumer Price Index (5)	Real Weekly Earnings (6)	Losses Due To Inflation
1972	$154.42	39.8	$3.88	137.6	125.3	$123.24	$31.18
1973	167.23	40.2	4.16	147.5	133.1	125.64	41.59
1974	180.97	39.6	4.57	162.1	147.7	122.53	58.44
1975	193.22	38.8	4.98	176.6	161.2	119.86	73.36
1976	210.11	39.2	5.36	190.1	170.5	123.23	86.88
1977	231.08	39.5	5.85	207.4	181.5	127.32	103.76
1978	254.80	40.0	6.37	225.9	195.3	130.47	124.33
1979	278.10	39.9	6.97	247.2	217.4	127.92	150.18
1980	294.49	38.8	7.59	269.1	246.8	119.32	175.17
1981	325.36	39.2	8.30	294.3	272.4	119.44	205.92
1982	331.39	38.4	8.63	306.0	289.1	114.63	216.76
1983	350.84	39.2	8.95	317.4	298.4	117.57	233.27

Real Earnings are computed by adjusting current earnings for changes in The Consumer Price Index (Col. 1 ÷ Col. 5)

TABLE 5. EMPLOYMENT, PAYROLLS AND MANHOURS OF MANUFACTURING PRODUCTION WORKERS

(THOUSANDS)

Industry	Employment					Weekly Manhours Worked					Weekly Payrolls				
	June 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983
Manufacturing	783.7	777.0	774.9	770.8	748.9	31,587.1	31,257.3	31,184.4	30,956.2	29,621.5	294,511.8	290,932.8	290,123.5	287,057.4	263,357.3
Durable Goods	449.9	444.9	441.8	437.6	412.1	18,803.1	18,509.5	18,399.2	18,188.1	16,762.9	193,396.1	190,086.4	189,045.3	186,318.3	165,256.0
Nondur. Goods	333.8	332.1	331.1	333.2	336.8	12,784.0	12,747.8	12,785.2	12,768.1	12,858.6	101,115.7	100,846.4	101,078.2	100,739.1	98,101.3

NOTATION

Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

Establishment Data are estimates by place of work. Persons involved in labor management disputes are not included.

All Data are benchmarked to first quarter 1983.

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES													
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS			
	June P 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983
TOTAL MANUFACTURING INDUSTRIES	$375.60	$374.26	$373.86	$372.65	$352.04	40.3	40.2	40.2	40.2	39.6	$ 9.32	$ 9.31	$ 9.30	$ 9.27	$ 8.89
TOTAL DURABLE GOODS	430.12	427.23	427.23	425.98	401.30	41.8	41.6	41.6	41.6	40.7	10.29	10.27	10.27	10.24	9.86
Lumber & wood products	305.53	308.73	306.61	296.21	301.38	41.4	41.0	41.1	40.6	41.8	7.38	7.53	7.46	7.26	7.21
Millwork, plywood & structural	331.99	328.25	323.82	322.28	316.20	42.4	42.3	42.0	41.8	42.5	7.83	7.76	7.71	7.71	7.44
Other lumber & wood prod.	293.25	299.36	297.60	283.71	295.48	40.9	40.4	40.6	40.3	41.5	7.17	7.41	7.33	7.04	7.12
Furniture & fixtures	313.07	311.55	307.13	304.80	294.12	40.5	40.2	40.2	40.0	39.8	7.73	7.75	7.64	7.62	7.39
Household furniture	274.97	274.97	275.67	267.06	267.33	40.2	40.2	40.9	39.8	39.9	6.84	6.84	6.74	6.71	6.70
Office furniture	326.83	335.78	329.65	322.79	320.85	40.3	40.7	40.3	39.9	41.4	8.11	8.25	8.18	8.09	7.75
Other furniture & fixtures	362.20	347.29	337.08	355.12	313.81	41.3	39.6	38.7	40.4	37.9	8.77	8.77	8.71	8.79	8.28
Stone, clay & glass products	411.45	401.72	404.07	395.79	386.34	42.2	41.5	41.7	41.1	41.1	9.75	9.68	9.69	9.63	9.40
Glass & glassware, pressed or blown	428.45	423.95	436.96	420.75	401.70	41.8	41.2	42.3	41.7	41.2	10.25	10.29	10.33	10.09	9.75
Glass containers	453.60	455.67	475.66	437.83	429.51	41.5	41.5	43.4	41.5	41.7	10.93	10.92	10.96	10.55	10.30
Other pressed or blown glass	405.30	397.14	404.06	404.34	369.87	42.0	40.9	41.4	41.9	40.6	9.65	9.71	9.76	9.65	9.11
Hydraulic cement	588.16	539.33	536.36	532.09	568.54	45.7	42.5	42.4	41.7	43.4	12.87	12.69	12.65	12.76	13.10
Structural clay products	339.07	347.32	341.50	341.96	304.18	41.0	41.2	40.8	41.4	39.3	8.27	8.43	8.37	8.26	7.74
Pottery & related products	378.33	377.29	363.77	362.50	353.42	40.9	40.7	39.8	40.1	39.8	9.25	9.27	9.14	9.04	8.88
Concrete, gypsum & plaster prod.	390.08	373.23	374.41	339.65	381.33	45.2	43.5	44.1	40.1	44.6	8.63	8.58	8.49	8.47	8.55
Other stone, clay & glass prod.	416.53	405.32	404.56	407.47	385.49	41.2	40.9	40.7	41.2	39.7	10.11	9.91	9.94	9.89	9.71
Primary metal industries	504.99	501.80	507.49	501.35	462.51	41.7	41.3	41.7	41.4	39.7	12.11	12.15	12.17	12.11	11.65
Blast furnace & basic steel prod.	542.46	539.64	550.09	538.97	496.66	41.6	41.1	41.8	41.3	39.2	13.04	13.13	13.16	13.05	12.67
Blast furnaces & steel mills	548.46	547.35	556.61	544.99	504.11	41.3	41.0	41.6	41.1	39.2	13.28	13.35	13.38	13.26	12.86
Other basic steel products	480.41	464.28	477.17	479.81	424.32	44.4	42.4	43.3	43.5	39.0	10.82	10.95	11.02	11.03	10.88
Iron & steel foundries	372.93	367.46	359.29	367.15	363.24	39.8	39.3	38.8	39.1	39.1	9.37	9.35	9.26	9.39	9.29
Nonferrous rolling & drawing	472.03	462.80	468.01	461.83	429.46	44.7	44.5	44.7	43.9	43.6	10.56	10.40	10.47	10.52	9.85
Nonferrous foundries	393.59	400.88	390.05	380.69	351.83	41.3	41.2	40.8	40.2	39.6	9.53	9.73	9.56	9.47	8.84
Other primary metal products	429.93	426.59	425.46	442.64	385.63	41.7	41.7	42.0	43.1	41.6	10.31	10.23	10.13	10.27	9.27
Fabricated metal products	413.97	410.62	405.60	402.55	382.45	41.9	41.9	41.6	41.5	40.6	9.88	9.80	9.75	9.70	9.42
Metal cans & shipping containers	521.40	515.91	492.66	509.32	466.49	44.0	43.5	41.4	42.8	40.6	11.85	11.86	11.90	11.90	11.49
Cutlery, hand tools & hardware	301.85	329.21	319.19	323.95	298.54	38.6	41.1	40.2	40.8	39.7	7.82	8.01	7.94	7.94	7.52
Plumbing & heating exc. electrical	362.08	325.05	337.37	337.40	336.17	42.2	39.4	40.5	40.7	40.6	8.58	8.25	8.33	8.29	8.28
Fabricated structural metal prod.	370.64	366.06	358.99	355.20	347.38	41.0	40.9	40.2	40.0	39.7	9.04	8.95	8.93	8.88	8.75
Fabricated structural metal	389.91	378.14	376.94	377.20	387.71	40.7	40.1	40.1	40.0	41.6	9.58	9.43	9.40	9.43	9.32
Fabricated plate work (boiler shops)	439.94	427.46	416.97	418.14	387.87	41.7	41.3	41.0	41.4	39.7	10.55	10.35	10.17	10.10	9.77
Other fabricated struct. metal prod.	334.15	334.97	325.17	319.53	316.71	40.7	41.0	39.8	39.4	39.1	8.21	8.17	8.17	8.11	8.10
Screw machine products, bolts, etc.	404.81	400.48	402.27	404.60	374.74	42.3	42.2	42.3	42.5	40.6	9.57	9.49	9.51	9.52	9.23
Metal forgings & stampings	561.79	555.07	545.57	537.47	515.48	44.8	44.8	44.5	44.2	43.1	12.54	12.39	12.26	12.16	11.96
Iron & steel forgings	393.43	433.86	419.15	413.76	391.79	38.8	42.0	41.5	41.5	38.6	10.14	10.33	10.10	9.97	10.15
Other metal forgings & stampings	601.52	584.22	573.59	566.72	545.43	46.2	45.5	45.2	44.8	44.2	13.02	12.84	12.69	12.65	12.34
Metal services & ordnance, n.e.c.	339.95	335.96	339.86	324.80	329.97	39.9	39.9	40.8	40.0	39.9	8.52	8.42	8.33	8.12	8.27
Misc. fabricated metal products	386.65	380.28	381.61	379.55	354.64	41.8	41.2	41.3	41.3	40.3	9.25	9.23	9.24	9.19	8.80
Valves & pipe fittings	406.85	399.43	398.62	395.52	358.94	41.9	40.8	40.8	40.4	39.1	9.71	9.79	9.77	9.79	9.18
Other misc. fabricated metal prod.	374.53	368.05	371.07	369.98	351.78	41.8	41.4	41.6	41.9	41.0	8.96	8.89	8.92	8.83	8.58

P - Preliminary

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June P 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983
Machinery, exc. electrical	$444.98	$438.06	$436.18	$438.65	$403.41	42.5	42.0	41.9	42.3	40.1	$10.47	$10.43	$10.41	$10.37	$10.06
Engines & turbines	513.76	519.96	536.28	521.56	462.48	41.6	42.0	42.8	42.3	39.8	12.35	12.38	12.53	12.33	11.62
Farm & garden machinery	489.41	489.94	510.56	587.33	440.77	42.3	42.2	43.9	52.3	41.7	11.57	11.61	11.63	11.23	10.57
Construction & related mach.	450.01	441.98	438.88	443.10	406.36	41.9	41.5	41.6	42.2	39.8	10.74	10.65	10.55	10.50	10.21
Construction machinery	517.20	514.37	503.79	514.71	491.36	43.1	42.9	42.3	43.0	41.5	12.00	11.99	11.91	11.97	11.84
Conveyors & conveying equip.	434.31	402.90	396.44	398.31	374.26	45.1	42.5	42.4	42.6	41.4	9.63	9.48	9.35	9.35	9.04
Other construction & related mach.	404.15	395.11	398.11	399.78	349.30	40.7	40.4	41.0	41.6	39.3	9.93	9.78	9.71	9.61	9.12
Metal working machinery	481.75	457.76	455.24	467.56	412.00	46.1	44.1	43.9	44.7	41.2	10.45	10.38	10.37	10.46	10.00
Special industry machinery	441.76	426.43	419.89	426.99	392.06	44.0	42.6	42.2	43.0	41.4	10.04	10.01	9.95	9.93	9.47
General industrial machinery	426.63	423.74	416.36	416.97	395.21	41.3	41.3	40.9	41.0	39.8	10.33	10.26	10.18	10.17	9.93
Pumps & pumping equipment	442.78	466.82	440.49	467.67	441.60	40.4	42.4	40.9	42.4	41.7	10.96	11.01	10.77	11.03	10.59
Ball & roller bearings	449.86	449.86	448.97	452.60	408.29	42.6	42.6	42.8	42.9	41.2	10.56	10.56	10.49	10.55	9.91
Air & gas compressors	471.23	439.60	438.75	430.20	430.32	42.8	41.2	40.7	40.7	41.1	11.01	10.67	10.78	10.57	10.47
Industrial furnaces & ovens	383.72	392.22	385.09	380.42	379.01	39.6	39.9	39.7	39.3	38.4	9.69	9.83	9.70	9.68	9.87
Other general industrial mach.	401.06	397.88	391.72	386.97	360.61	40.8	40.6	40.3	40.1	38.2	9.83	9.80	9.72	9.65	9.44
Office and computing machines	503.81	508.35	494.54	495.69	479.57	41.5	41.6	39.5	40.3	40.3	12.14	12.22	12.52	12.30	11.90
Refrigeration & service ind. mach.	392.93	392.69	400.89	392.23	368.17	40.3	40.4	41.5	40.9	37.8	9.75	9.72	9.66	9.59	9.74
Misc. machinery, exc. electrical	382.63	381.14	381.29	366.71	365.92	41.5	41.7	41.9	40.7	40.3	9.22	9.14	9.10	9.01	9.08
Electric & electronic equipment	388.03	387.99	389.16	392.60	368.58	41.5	41.9	41.8	41.9	41.6	9.35	9.26	9.31	9.37	8.86
Electric distributing equip.	459.29	464.46	457.92	477.55	403.46	43.7	43.9	43.2	44.3	39.4	10.51	10.58	10.60	10.76	10.24
Transformers	460.22	462.27	470.58	490.35	422.10	46.3	46.6	46.5	46.7	42.0	9.94	9.92	10.12	10.50	10.05
Switchgear & switchboard apparatus	458.47	466.15	450.32	470.18	391.61	42.1	42.3	41.2	42.9	37.8	10.89	11.02	10.93	10.96	10.36
Electrical industrial apparatus	370.15	368.15	366.83	368.63	346.52	40.9	40.5	40.4	40.2	40.2	9.05	9.09	9.08	9.17	8.62
Household appliances	345.68	334.36	328.32	313.58	317.49	41.3	39.9	39.7	37.6	39.1	8.37	8.38	8.27	8.34	8.12
Electric lighting & wiring equip.	357.82	353.14	352.34	364.23	318.27	40.8	41.4	41.5	42.5	39.1	8.77	8.53	8.49	8.57	8.14
Current-carrying wiring devices	394.57	388.46	391.99	396.00	362.71	42.2	43.5	43.7	44.0	41.5	9.35	8.93	8.97	9.00	8.74
Other electric light & wiring equip.	319.90	319.14	315.61	334.55	277.86	39.3	39.4	39.5	41.1	36.9	8.14	8.10	7.99	8.14	7.53
Communication equipment	378.33	367.61	367.20	356.61	388.03	40.9	40.8	40.8	39.8	42.5	9.25	9.01	9.00	8.96	9.13
Electronic components & accessories	417.22	421.41	426.69	429.35	404.93	42.4	43.4	43.1	43.5	44.4	9.84	9.71	9.90	9.87	9.12
Semiconductors & related devices	529.00	535.08	543.11	540.42	500.53	43.9	45.5	44.7	44.7	43.6	12.05	11.76	12.15	12.09	11.48
Other electronic components & access.	335.77	339.81	343.98	349.75	393.02	41.3	41.9	42.0	42.6	46.9	8.13	8.11	8.19	8.21	8.38
Other electrical equip. & supplies	313.47	308.27	318.37	313.24	309.57	38.7	38.2	39.5	38.2	40.1	8.10	8.07	8.06	8.20	7.72
Transportation equipment	480.90	493.22	438.14	491.91	464.21	41.6	42.3	41.9	41.9	41.3	11.56	11.66	11.65	11.74	11.24
Motor vehicles & equipment	498.37	511.83	513.60	517.00	483.78	41.6	42.3	42.8	43.3	42.4	11.98	12.10	12.00	11.94	11.41
Motor vehicle parts & access.	482.16	510.69	506.74	507.07	493.62	42.0	43.5	43.2	43.6	43.3	11.48	11.74	11.73	11.63	11.40
Other motor vehicles & equip.	510.47	512.95	518.55	525.39	474.66	41.2	41.4	42.4	43.1	41.6	12.39	12.39	12.23	12.19	11.41
Aircraft & parts	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA
Ship & boat building & repairing	469.37	435.14	423.95	435.74	367.00	43.5	41.8	41.2	42.1	36.7	10.79	10.41	10.29	10.35	10.00
Railroad equipment	479.81	494.34	474.97	468.75	460.16	40.8	42.0	40.7	38.9	40.4	11.76	11.77	11.67	12.05	11.39
Other transportation equipment	442.04	451.14	411.48	418.59	423.19	43.0	43.8	40.5	41.2	41.9	10.28	10.30	10.16	10.16	10.10
Instruments & related products	394.90	380.38	375.42	370.23	361.49	42.6	41.8	41.3	41.0	40.3	9.27	9.10	9.09	9.03	8.97
Measuring & controlling devices	436.81	416.94	411.45	398.37	378.82	43.9	42.2	42.2	40.9	40.3	9.95	9.88	9.75	9.74	9.40
Medical instruments & supplies	342.38	323.20	319.95	328.45	346.06	41.3	40.4	39.5	40.7	40.1	8.29	8.00	8.10	8.07	8.63
Other instruments & related prod.	382.81	385.20	382.33	370.18	346.72	41.7	42.8	42.2	41.5	40.6	9.18	9.00	9.06	8.92	8.54
Miscellaneous manufacturing industries	347.04	339.10	353.14	355.72	337.84	40.4	39.8	41.4	41.8	41.0	8.59	8.52	8.53	8.51	8.24

INA - Information not available at this time.
P - Preliminary

HOURS AND EARNINGS FOR

Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(cont.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June P 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983
TOTAL NONDURABLE GOODS	$302.95	$303.74	$303.74	$302.19	$291.47	38.3	38.4	38.4	38.3	38.2	$ 7.91	$ 7.91	$ 7.91	$ 7.89	$ 7.63
Food & kindred products	351.84	350.66	353.73	345.74	336.60	39.4	39.4	39.7	39.2	39.0	8.93	8.90	8.91	8.82	8.50
Meat products	312.82	322.32	325.03	304.87	314.01	39.9	40.8	41.3	39.8	39.9	7.84	7.90	7.87	7.66	7.87
Meat packing plants	344.29	369.79	360.29	350.96	355.70	40.6	42.8	43.2	42.8	41.7	8.48	8.64	8.34	8.20	8.53
Sausages & other prepared meats	374.77	379.36	372.17	355.51	354.43	39.7	40.4	39.3	38.6	38.4	9.44	9.39	9.47	9.21	9.23
Poultry dressing & processing	240.16	236.19	254.62	230.18	240.77	39.5	39.3	41.2	38.3	39.6	6.08	6.01	6.18	6.01	6.08
Dairy products	343.29	322.77	325.95	333.27	333.84	43.4	40.6	41.0	41.4	42.8	7.91	7.95	7.95	8.05	7.80
Fluid milk	367.20	349.45	348.19	347.36	356.12	43.2	41.9	41.8	41.8	41.7	8.50	8.34	8.33	8.31	8.54
Other dairy products	326.56	303.34	309.46	322.64	315.80	43.6	39.6	40.4	41.1	43.8	7.49	7.66	7.66	7.85	7.21
Preserved fruits & vegetables	333.98	344.40	317.32	338.61	319.90	38.7	40.0	37.2	39.1	39.3	8.63	8.61	8.53	8.65	8.14
Canned fruits & vegetables	252.13	249.98	249.87	246.72	246.09	37.8	38.4	38.5	37.1	37.4	6.67	6.51	6.49	6.65	6.58
Other preserved fruits & vegetables	369.50	392.50	354.78	387.93	354.56	39.1	40.8	36.5	40.2	40.2	9.45	9.62	9.72	9.65	8.82
Grain mill products	509.97	442.68	432.95	427.84	409.64	44.5	40.8	40.2	40.4	40.2	11.46	10.85	10.77	10.59	10.19
Bakery products	337.09	351.33	379.45	349.68	319.31	36.8	37.9	39.9	37.6	37.0	9.16	9.27	9.51	9.30	8.63
Bread, cake & related prod.	324.10	351.37	380.16	350.63	326.16	35.0	37.3	39.6	37.5	36.2	9.26	9.42	9.60	9.35	9.01
Cookies & crackers	372.32	351.95	375.55	344.96	299.88	41.6	39.5	40.6	37.7	39.2	8.95	8.91	9.25	9.15	7.65
Sugar & confectionery prod.	367.30	371.70	369.10	360.75	344.27	38.3	38.8	39.1	39.0	38.9	9.59	9.58	9.44	9.25	8.85
Beverages	466.77	451.60	474.46	437.34	447.72	41.9	40.0	42.4	38.6	42.0	11.14	11.29	11.19	11.33	10.66
Other food & kindred products	278.96	279.59	277.40	291.21	290.65	37.8	38.3	38.0	39.3	40.2	7.38	7.30	7.30	7.41	7.23
Tobacco manufacturers	223.74	223.65	223.29	219.45	211.03	39.6	39.1	38.9	38.5	38.3	5.65	5.72	5.74	5.70	5.51
Textile mill products	241.64	239.90	239.23	237.88	234.18	38.6	38.2	38.4	38.0	38.9	6.26	6.28	6.23	6.26	6.02
Weaving mills, synthetics	273.19	274.68	259.08	275.88	260.20	41.9	42.0	40.8	41.8	41.9	6.52	6.54	6.35	6.60	6.21
Knitting mills	221.34	222.00	223.57	218.16	219.64	37.2	37.0	37.2	36.3	38.0	5.95	6.00	6.01	6.01	5.78
Knit outerwear mills	225.17	223.88	220.93	215.28	222.12	38.1	37.5	36.7	36.0	38.1	5.91	5.97	6.02	5.98	5.83
Knit underwear mills	185.98	189.54	193.99	190.30	194.93	34.0	34.4	35.4	34.6	37.2	5.47	5.51	5.48	5.50	5.24
Other knitting mills	252.32	256.62	263.97	256.35	241.72	38.7	39.0	40.3	38.9	38.8	6.52	6.58	6.55	6.59	6.23
Floor covering mills	355.28	323.55	339.06	347.96	287.66	41.7	38.2	40.9	42.8	38.1	8.52	8.47	8.29	8.13	7.55
Yarn & thread mills	204.48	196.68	206.12	194.88	199.97	38.8	36.9	38.6	36.7	37.1	5.27	5.33	5.34	5.31	5.39
Other textile mill prod.	253.62	252.98	249.85	248.91	251.60	39.2	39.1	39.1	38.7	40.0	6.47	6.47	6.39	6.36	6.29
Apparel & other textile products	190.62	189.38	192.77	192.98	186.91	34.1	34.0	34.3	34.4	33.8	5.59	5.57	5.62	5.61	5.53
Men's & boys' suits & coats	248.87	240.66	245.48	244.80	241.97	35.3	35.6	36.1	36.0	35.9	7.05	6.76	6.80	6.80	6.74
Men's & boys' furnishings	202.00	199.65	200.20	194.70	188.68	37.2	36.7	36.4	35.4	35.6	5.43	5.44	5.50	5.50	5.30
Men's & boys' shirts & nightwear	196.37	196.56	195.11	191.87	187.95	36.5	36.0	35.8	35.4	35.8	5.38	5.46	5.45	5.42	5.25
Men's & boys' separate trousers	202.18	208.51	206.27	199.58	193.40	35.1	35.4	35.2	34.0	35.1	5.76	5.89	5.86	5.87	5.51
Other furnishings & work clothing	207.09	198.26	201.54	195.66	186.54	39.0	38.2	37.6	36.3	35.6	5.31	5.19	5.36	5.39	5.24
Women's & misses' outerwear	173.34	172.67	177.00	179.74	176.00	32.1	31.8	32.3	32.8	32.0	5.40	5.43	5.48	5.48	5.50
Women's & children's undergarments	161.32	166.44	172.88	176.47	162.50	32.2	32.7	33.7	34.4	33.3	5.01	5.09	5.13	5.13	4.88
Children's outerwear	184.25	183.73	178.89	187.44	187.44	35.5	35.4	33.5	35.5	35.5	5.19	5.19	5.34	5.28	5.28
Other apparel & textile prod.	198.35	203.42	204.44	200.30	186.07	36.8	37.6	38.0	37.3	36.2	5.39	5.41	5.38	5.37	5.14

P - Preliminary

HOURS AND EARNINGS FOR
Table 6. MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
(concl.)

INDUSTRY TITLE	PRODUCTION WORKER AVERAGES														
	GROSS WEEKLY EARNINGS					WEEKLY HOURS					HOURLY EARNINGS				
	June P 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983	June 1984	May 1984	April 1984	March 1984	June 1983
Paper & allied products	$ 386.96	$ 380.92	$ 371.13	$ 377.83	$ 374.00	42.9	42.8	41.7	42.5	44.0	$ 9.02	$ 8.90	$ 8.90	$ 8.89	$ 8.50
Paper mills exc. building paper	510.90	499.70	485.76	487.44	467.40	46.7	47.5	46.0	46.6	47.5	10.94	10.52	10.56	10.46	9.84
Paper board containers & boxes	379.99	372.20	354.09	360.55	359.53	42.6	42.2	40.7	41.3	42.1	8.92	8.82	8.70	8.73	8.54
Corrugated & solid fiber boxes	399.42	391.25	375.99	386.33	386.76	43.7	42.9	41.5	42.5	43.9	9.14	9.12	9.06	9.09	8.81
Other paperboard containers	360.22	354.02	333.20	333.60	332.07	41.5	41.6	40.0	40.0	40.3	8.68	8.51	8.33	8.34	8.24
Other paper & allied products	332.07	328.43	327.24	336.17	344.18	41.2	40.9	40.4	41.4	43.9	8.06	8.03	8.10	8.12	7.84
Printing & publishing	378.88	381.97	380.21	379.64	351.33	39.1	39.5	39.4	39.3	37.9	9.69	9.67	9.65	9.66	9.27
Newspapers	341.38	347.48	351.22	346.12	323.28	33.7	34.1	34.8	34.0	33.5	10.13	10.19	10.38	10.18	9.65
Books	344.27	332.92	305.35	287.58	281.01	39.8	41.0	39.4	37.3	36.4	8.65	8.12	7.75	7.71	7.72
Commercial printing	397.58	405.42	404.80	409.25	370.92	39.6	40.3	40.0	40.4	38.2	10.04	10.06	10.12	10.13	9.71
Manifold business forms	412.22	417.51	409.45	411.61	404.71	43.3	43.4	43.1	43.1	43.8	9.52	9.62	9.50	9.55	9.24
Other printing & publishing	375.50	376.57	367.36	378.14	345.39	41.4	41.2	41.0	41.6	39.7	9.07	9.14	8.96	9.09	8.70
Chemicals & allied products	453.23	461.78	459.43	450.24	420.40	42.2	42.6	42.5	42.0	41.5	10.74	10.84	10.81	10.72	10.13
Industrial inorganic chemicals	463.91	470.42	469.20	467.93	442.80	42.6	43.0	42.5	42.5	43.2	10.89	10.94	11.04	11.01	10.25
Plastic materials & synthetics	480.87	493.78	498.88	504.06	426.80	41.1	43.2	43.8	44.1	40.0	11.70	11.43	11.39	11.43	10.67
Drugs	465.86	474.95	467.40	456.96	443.39	41.3	41.3	41.0	40.8	41.4	11.28	11.50	11.40	11.20	10.71
Soap, cleaners & toilet goods	383.35	410.22	391.95	373.10	380.61	42.5	43.0	42.1	41.0	43.3	9.02	9.54	9.31	9.10	8.79
Paints & allied products	451.58	451.58	449.24	432.82	444.00	44.8	43.8	43.7	42.6	44.4	10.08	10.31	10.28	10.16	10.00
Other chemicals & allied prod.	445.36	447.98	449.71	437.84	393.09	42.7	43.2	43.2	42.1	40.4	10.43	10.37	10.41	10.40	9.73
Petroleum & coal products	541.64	534.06	566.10	572.88	527.03	44.0	43.0	44.4	44.0	42.4	12.31	12.42	12.75	13.02	12.43
Petroleum refining	582.65	594.35	636.47	637.95	565.90	43.0	43.1	45.3	44.8	42.2	13.55	13.79	14.05	14.24	13.41
Other petroleum & coal prod.	472.42	432.86	434.09	434.66	425.14	45.6	42.9	42.6	42.2	42.9	10.36	10.09	10.19	10.30	9.91
Rubber & misc. plastics products	330.07	335.71	335.32	339.86	314.31	40.8	41.6	41.5	41.7	40.4	8.09	8.07	8.08	8.15	7.78
Tires & inner tubes	466.52	471.93	490.95	510.60	460.85	43.6	43.9	45.0	46.0	43.6	10.70	10.75	10.91	11.10	10.57
Fabricated rubber prod., n.e.c.	359.79	378.42	377.04	386.48	374.33	39.8	42.0	41.8	42.8	41.5	9.04	9.01	9.02	9.03	9.02
Other rubber & plastic prod., n.e.c.	314.65	318.84	317.65	319.30	296.00	40.6	41.3	41.2	41.2	40.0	7.75	7.72	7.71	7.75	7.40
Leather & leather products	195.08	195.83	193.14	191.88	196.60	36.6	36.4	35.7	35.6	38.1	5.33	5.38	5.41	5.39	5.16
Footwear, exc. rubber	183.17	184.01	182.17	181.82	185.74	36.2	35.8	35.1	35.1	37.6	5.06	5.14	5.19	5.18	4.94
Men's footwear, exc. athletic	195.38	190.61	192.41	192.92	199.80	37.5	36.1	36.1	36.4	39.1	5.21	5.28	5.33	5.30	5.11
Women's footwear, exc. athletic	170.32	179.00	171.27	159.43	182.02	34.2	35.8	33.0	31.2	37.3	4.98	5.00	5.19	5.11	4.88
Other footwear	175.42	178.92	175.30	182.31	167.21	35.8	35.5	35.2	36.1	35.5	4.90	5.04	4.98	5.05	4.71
Other leather & leather prod.	238.75	234.32	232.79	230.35	235.81	38.2	38.1	38.1	37.7	39.9	6.25	6.15	6.11	6.11	5.91
SELECTED NONMANUFACTURING INDUSTRIES															
Anthracite Mining	405.50	409.50	392.77	411.05	384.85	37.1	37.5	36.3	37.3	35.8	10.93	10.92	10.82	11.02	10.75
Bituminous coal & lignite mining	644.92	647.91	601.38	611.24	572.54	44.6	44.9	42.5	42.3	42.6	14.46	14.43	14.15	14.45	13.44
Nonmetallic minerals, exc. fuels	422.73	420.89	418.75	387.39	388.08	45.8	45.6	44.5	41.7	44.1	9.23	9.23	9.41	9.29	8.80
Communication	512.89	503.42	497.30	496.04	452.39	40.9	40.5	40.3	40.1	39.1	12.54	12.43	12.34	12.37	11.57
Electric, gas, & sanitary services	542.44	535.04	535.90	529.59	508.80	42.1	41.8	41.9	41.7	42.4	12.88	12.80	12.79	12.70	12.00
Electric services	535.35	520.71	526.06	511.09	512.78	43.0	42.3	42.7	42.1	43.2	12.45	12.31	12.32	12.14	11.87
Gas production & distribution	424.05	434.30	426.34	435.18	425.14	37.1	38.4	38.1	39.1	40.8	11.43	11.31	11.19	11.13	10.42
General merchandise stores	167.02	164.45	161.66	159.84	164.83	30.5	29.9	29.5	28.8	31.1	5.48	5.50	5.48	5.55	5.30

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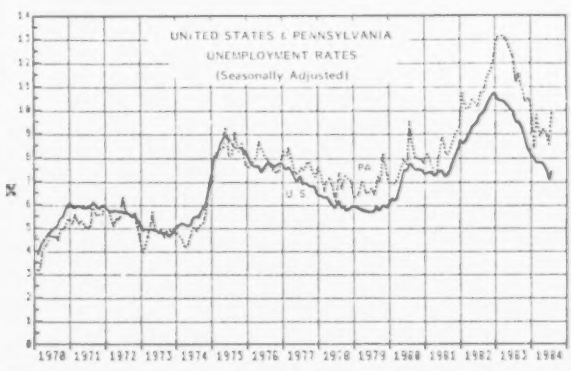
PENNSYLVANIA EMPLOYMENT AND EARNINGS

JOB SERVICE

Vol. XXIX No. 7 DATA FOR JULY 1984 Released September 1984

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
All Persons (In Thousands)

Resident Data*	July 1984	June 1984	July 1983
Civilian Labor Force(Unadj.)	5678.0	5640.0	5687.0
Employment (Unadjusted)	5138.0	5122.0	5068.0
Unemployment (Unadjusted)	540.0	518.0	619.0
% Civilian Labor Force	9.5	9.2	10.9
Unemployment (Seas.Adj.)	547.0	479.0	622.0
% Civilian Labor Force	9.9	8.6	11.2



JULY 1984 UNADJUSTED EMPLOYMENT RISES 16,000 SINCE JUNE

During July 1984 the Pennsylvania civilian labor force expanded by 38,000 persons to an employment level of 5,678,000, the largest number since July 1983 when 5,687,000 was recorded. Of this total, 5,138,000 or 90.5 percent were gainfully employed in July, an increase of 16,000 since June 1984.

Unemployment increased in July by 22,000 to total 540,000, well below the July 1983 level of 619,000. The unemployment rate for July was 9.5 percent, 0.3 percentage points above the June rate but still 1.4 percentage points below the rate in July 1983. Seasonally adjusted unemployment data show a rate of 9.9 percent and an unemployment total of 547,000 for July. Comparable July 1983 figures were 11.2 percent and 622,000, respectively.

Nationwide, total seasonally adjusted employment decreased by 353,000 to 105,395,000 in July. Seasonally adjusted unemployment throughout the nation rose by 413,000 to 8,543,000, and the adjusted unemployment rate increased by 0.4 points to 7.5 percent for the month. Moreover, Federal Reserve Board figures showed that operation of the nation's factories, mines, and utilities rose to 82.5 percent of capacity in July, the highest level in more than four years.

CONTRACT CONSTRUCTION POSTS 6,700 JOBS: NONFARM EMPLOYMENT EXPERIENCES SLIGHT DECREASE

The contract construction industry added 6,700 jobs in July. The employment total of 188,500 reflects an increase of 3,900 over July 1983. This increase in construction jobs is noteworthy considering that the U. S. Commerce Department reported a 10 percent decline in construction of single family homes and a 6 percent drop in apartment building starts throughout the nation during the past year.

Total nonagricultural wage and salary employment diminished slightly during July after five consecutive months of substantial growth. The nonfarm employment total of 4,623,000 is 37,600 jobs less than June's figure. The July level, however, is still 85,300 jobs higher than in July 1983. Although total jobs declined, four manufacturing industries reported nominal gains in employment while five nonmanufacturing industry lines reported slight gains during July.

NONMANUFACTURING. Contract construction leads the list of the five nonmanufacturing industries posting gains in employment this month with an increase of 6,700 jobs. The other four industry lines were: mining (+900); wholesale trade (+400); finance, insurance, and real estate (+300); and public utilities (+200). Retail trade and government accounted for 24,900 (or 66 percent) of the job losses this month. Employment in retail trade usually slackens during July and August, recovering during the autumn months as consumers purchase more retail goods in preparation for school and the upcoming holiday season. Local governments decreased their payrolls by 14,400 during July, with 46,100 local educators on summer vacation and other local government, including administration, reporting an increase of 31,700 jobs.

MANUFACTURING. In July, employment in manufacturing industries decreased by 9,000 to 1,122,300. However, this level represents an increase of 28,800 over July 1983 and is a positive sign of our state's economic recovery.

The only durable goods manufacturing industry to record an increase in employment was electric and electronic equipment with a gain of 600 jobs. Although lower employment volumes were posted in the other durable goods industries, the 651,700 employed is 31,000 greater than in July 1983.

Industries producing nondurable goods revealed seasonal declines in July as employment slipped to 470,600. Five of the industry lines remained stable or gained marginally while the other five industries counterpointed with job declines. Food and kindred products, with 600 additional jobs, lead the industries denoting increases.

WEEKLY WAGES, HOURS AND HOURLY EARNINGS

Production workers in the manufacturing industries received an average of $375.47 in their weekly paychecks during July, a rise of $1.61 since June. Hours worked per week averaged 40.2 this month, the same as last month and hourly earnings moved up 4 cents to average $9.34 for July. The nondurable goods sector accounted for this boost in wages while durable goods wages remained relatively stable. The highest average hourly earnings were paid to production workers in petroleum refining ($13.67) and the lowest average hourly earnings was for workers in leather footwear ($4.90).

BUREAU OF COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY
In cooperation with the United States Department of Labor

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

(Employment in Thousands)

ESTABLISHMENT DATA *	ALL EMPLOYES			NET CHANGE		PRODUCTION WORKER AVERAGES: HOURS AND EARNINGS								
						GROSS WEEKLY EARNINGS			WEEKLY HOURS			HOURLY EARNINGS		
	July 1984 1/	June 1984	July 1983	June 1984	July 1983	July 1984 1/	June 1984	July 1983	July 1984 1/	June 1984	July 1984	July 1984 1/	June 1984	July 1983
TOTAL NONAG. WAGE & SALARY EMPLOYMENT	4,623.0	4,660.6	4,537.7	-37.6	85.3									
TOTAL MANUFACTURING INDUSTRIES	1,122.3	1,131.3	1,093.5	-9.0	28.8	$375.47	$373.86	$353.31	40.2	40.2	39.3	$9.34	$9.30	$8.99
TOTAL DURABLE GOODS	651.7	656.2	620.7	-4.5	31.0	425.79	427.84	401.98	41.5	41.7	40.4	10.26	10.26	9.95
Lumber & wood products	21.9	22.1	20.4	0.2	1.5	308.39	306.94	304.19	40.9	41.2	41.9	7.54	7.45	7.26
Furniture & fixtures	20.1	20.4	18.2	-0.3	1.9	308.05	315.02	285.25	39.8	40.7	38.6	7.74	7.74	7.39
Stone, clay & glass products	49.2	49.4	49.6	-0.2	-0.4	407.27	409.78	391.11	41.9	41.9	41.3	9.72	9.78	9.47
Primary metal industries	128.8	130.1	124.3	-1.3	4.5	489.21	498.49	472.82	40.7	41.3	39.9	12.02	12.07	11.85
Fabricated metal products	88.3	88.8	85.6	-0.5	2.7	416.09	413.42	386.11	42.2	42.1	40.6	9.86	9.82	9.51
Machinery, exc. electrical	111.4	112.5	105.8	-1.1	5.6	436.18	445.60	399.19	41.7	42.6	39.8	10.46	10.46	10.03
Electric & electronic equipment	108.9	108.3	100.7	0.6	8.2	385.85	388.54	358.02	41.4	41.6	40.5	9.32	9.34	8.84
Transportation equipment	66.2	67.0	59.4	-0.8	6.8	494.59	480.90	457.60	42.6	41.6	40.0	11.61	11.56	11.44
Instruments & related products	36.5	36.6	36.4	-0.1	0.1	393.47	391.78	370.46	42.4	42.4	41.3	9.28	9.24	8.97
Miscellaneous manufacturing industries	20.4	21.0	20.3	-0.6	0.1	358.22	343.76	336.60	40.8	40.3	40.8	8.78	8.53	8.25
TOTAL NONDURABLE GOODS	470.6	475.1	472.8	-4.5	-2.2	307.23	301.02	293.74	38.5	38.2	38.0	7.98	7.88	7.73
Food & kindred products	90.9	90.3	91.4	0.6	-0.5	357.87	351.05	336.48	39.5	39.4	39.4	9.06	8.91	8.54
Tobacco manufacturers	2.1	2.2	2.2	-0.1	-0.1	203.68	223.18	201.47	37.1	39.5	36.9	5.49	5.65	5.46
Textile mill products	36.2	36.6	36.0	-0.4	0.2	242.74	239.51	224.17	38.9	38.2	37.3	6.24	6.27	6.01
Apparel & other textile products	109.3	112.6	110.0	-3.3	-0.7	194.14	190.28	184.82	34.3	34.1	33.3	5.66	5.58	5.55
Paper & allied products	39.9	39.8	40.2	0.1	-0.3	390.06	375.73	381.49	43.1	42.1	43.9	9.05	8.92	8.69
Printing & publishing	74.1	74.1	72.2	0.0	1.9	380.24	377.52	360.84	39.2	39.0	38.8	9.70	9.68	9.30
Chemicals & allied products	56.8	56.6	58.1	0.2	-1.3	459.03	452.61	420.40	42.7	42.3	41.5	10.75	10.70	10.13
Petroleum & coal products	13.3	13.3	15.9	0.0	-2.6	534.01	540.41	542.69	43.1	43.9	42.9	12.39	12.31	12.65
Rubber & misc. plastics products	35.0	36.2	32.8	-1.2	2.2	332.92	320.80	317.98	41.0	39.9	40.2	8.12	8.04	7.91
Leather & leather products	13.0	13.4	14.0	-0.4	-1.0	192.41	195.08	197.84	36.1	36.6	37.9	5.33	5.33	5.22
TOTAL NONMANUFACTURING INDUSTRIES	3,500.7	3,529.3	3,444.2	-28.6	56.5									
Mining	40.7	39.8	40.9	0.9	-0.2									
Contract Construction	188.5	181.8	184.6	6.7	3.9									
Transportation	134.7	143.0	130.7	-8.3	4.0									
Public Utilities	106.7	106.5	105.7	0.2	1.0									
Communications	55.0	55.1	55.0	-0.1	0.0									
Electric, gas and sanitary service	51.7	51.4	50.7	0.3	1.0									
Wholesale trade	247.5	247.1	241.2	0.4	6.3									
Retail trade	762.7	776.1	758.0	-13.4	4.7									
General merchandise stores	118.9	121.6	116.1	-2.7	2.8									
Finance, insurance & real estate	255.0	254.7	246.2	0.3	8.8									
Banking	83.4	83.3	82.1	0.1	1.3									
Insurance	72.6	72.5	69.2	0.1	3.4									
Services	1,106.8	1,110.7	1,076.5	-3.9	30.3									
Business services	160.9	160.3	148.5	0.6	12.4									
Health services	378.6	378.3	371.3	0.3	7.3									
Hospitals	223.8	224.8	223.8	-1.0	0.0									
Educational service	113.9	121.0	107.1	-7.1	6.8									
Government	658.1	669.6	660.4	-11.5	-2.3									
Federal	137.5	136.5	135.4	1.0	2.1									
State & local	520.6	533.1	525.0	-12.5	-4.4									
Persons in labor-management disputes	7.4	8.6	4.0	-1.2	3.4									

FOOTNOTES.

*Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers and persons involved in labor management disputes.

*Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included.

Nonagricultural Wage and Salary Employment and Resident Data are benchmarked to first quarter 1983.

The Pennsylvania Employment and Earnings is published quarterly, April, July, October and January. A condensed report is published for all other months. If additional data are needed, telephone, 717-787-3129.

1/ The most recent month's data are preliminary and subject to revision.